

## Mouse anti-Human MALT1 (MALT-Lymphoma Marker) Antibody | anti-MALT1 antibody

MALT1 (MALT-Lymphoma Marker)

|                               |                      |                            |                                             |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA214885</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|

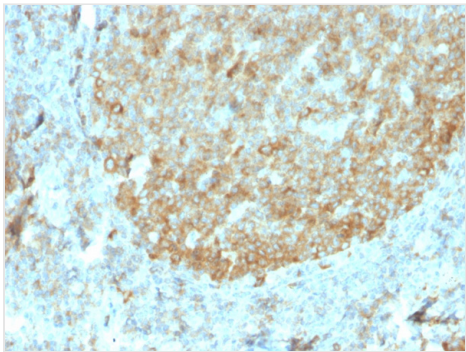
### PRODUCT SYNONYMS

MALT1 (MALT-Lymphoma Marker); Caspase-like protein; MALT lymphoma-associated translocation; MLT1; Mucosa-associated lymphoid tissue lymphoma translocation protein 1; Paracaspase; anti-MALT1 antibody

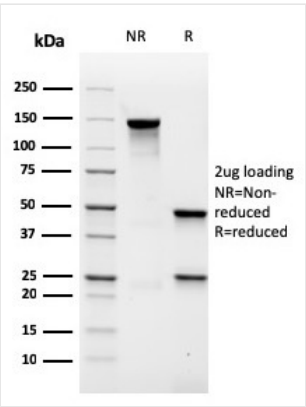
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                                         | IgG1, kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clone Number                                    | rMT1/410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity                                     | Mucosa associated lymphoid tissue lymphoma translocation gene 1 (MALT1) is found in extranodal low-grade B cell lymphomas. MALT1 encodes two Ig-like C2-type domains and fuses with an API2 gene, which is highly expressed in adult lymphoid tissue. The translocation of this MALT1 gene, which maps to human chromosome 18q21, and the apoptosis-inhibiting API2 gene results in an increased development of MALT lymphomas and apoptosis inhibition. Sites at which this API2-MALT1 (11;18)(q21;q21) translocation commonly occurs are within human lung and kidney tissue. MALT lymphoma expresses nuclear Bcl10, which mediates the oligomerization and activation of a MALT1 caspase-like domain. MALT1 mRNA is found in pre-B cells, mature B cells and plasma cells. |
| Purity/Purification                             | Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                     | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence Length                                 | 824                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applicable Applications for anti-MALT1 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Positive Control                                | Jurkat, Daudi or HeLa cells. Tonsil or lymphoma.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen                                       | Recombinant fragment (around aa701-808) of human MALT1 protein (exact sequence is proprietary)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cellular Localization                           | Cytoplasmic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hu-chromosome Location                          | 18q21.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Antibody Type                                   | Recombinant Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                         | Antibody with azide: store at 2 to 8 degree C.<br>Antibody without azide: store at -20 to -80 degree C.<br>Antibody is stable for 24 months. Non-hazardous. No MSDS required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

IMAGES



**IHC (Immunohistochemistry)**  
Formalin-fixed, paraffin-embedded human Tonsil stained with MALT1 Recombinant Mouse Monoclonal Antibody (rMT1/410).



**SDS-PAGE**  
SDS-PAGE Analysis Purified MALT1 Recombinant Mouse Monoclonal Antibody (rMT1/410). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

|            |                                        |
|------------|----------------------------------------|
| References | Ye H., et. al. J Pathol 2005; 205: 293 |
|------------|----------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| NCBI GI #                        | 5803078                                                                      |
| NCBI GeneID                      | 10892                                                                        |
| NCBI Accession #                 | NP_006776.1                                                                  |
| NCBI GenBank Nucleotide #        | NP_006776.1                                                                  |
| UniProt Accession #              | Q9UDY8                                                                       |
| Molecular Weight                 | 93kDa                                                                        |
| NCBI Official Full Name          | mucosa-associated lymphoid tissue lymphoma translocation protein 1 isoform a |
| NCBI Official Synonym Full Names | MALT1 paracaspase                                                            |
| NCBI Official Symbol             | MALT1                                                                        |
| NCBI Official Synonym Symbols    | MLT; MLT1; IMD12; PCASP1                                                     |
| NCBI Protein Information         | mucosa-associated lymphoid tissue lymphoma translocation protein 1           |
| UniProt Protein Name             | Mucosa-associated lymphoid tissue lymphoma translocation protein 1           |
| UniProt Gene Name                | MALT1                                                                        |
| UniProt Synonym Gene Names       | MLT                                                                          |
| UniProt Entry Name               | MALT1_HUMAN                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.