

## Rabbit anti-Human MAGED2 Polyclonal Antibody | anti-MAGED2 antibody

MAGED2 Antibody (C-term)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA283848</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

MAGED2; Polyclonal Antibody; MAGED2 Antibody (C-term); Melanoma-associated antigen D2; 11B6; Breast cancer-associated gene 1 protein; BCG-1; Hepatocellular carcinoma-associated protein JCL-1; MAGE-D2 antigen; BCG1; anti-MAGED2 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                    |
| Reactivity                                       | Human                                                                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                                                                |
| Isotype                                          | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                      | This MAGED2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 576-606 amino acids from the C-terminal region of human MAGED2.                  |
| Purity/Purification                              | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                    | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                               | 576-606                                                                                                                                                                                   |
| Sequence Length                                  | 588                                                                                                                                                                                       |
| Applicable Applications for anti-MAGED2 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                      |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                   | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

### IMAGES



#### IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



#### WB (Western Blot)

The anti-MAGED2 C-term Antibody is used in Western blot to detect MAGED2 in A549 lysate.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Related Product Information for anti-MAGED2 antibody | MAGED2 is a member of the MAGED gene family. In contrast to the MAGEA and MAGEB genes, which have their entire coding sequences located in the last exon, the MAGED genes have their coding sequences located throughout multiple exons. Also, the MAGEA and MAGEB genes are silent in normal tissues with the exception of testis and placenta, whereas the MAGED genes are expressed ubiquitously. The MAGED genes are clustered on chromosome Xp11. This gene is located in Xp11.2, a hot spot for X-linked mental retardation (XLMR). |
| Product Categories/Family for anti-MAGED2 antibody   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| References                                           | Lucas, S., et al., Cancer Res. 59(16):4100-4103 (1999).<br>Langnaese, K., et al., Cytogenet. Cell Genet. 94 (3-4), 233-240 (2001).                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 19387846                                                       |
| NCBI GeneID                      | 10916                                                          |
| NCBI Accession #                 | NP_055414.2; NP_803182.1; NP_957516.1                          |
| NCBI GenBank Nucleotide #        | NM_014599.5                                                    |
| UniProt Accession #              | Q9UNF1; O76058; Q5BJF3; Q8NAL6; Q9H218; Q9P0U9; Q9UM52; A6NMX0 |
| Molecular Weight                 | 64954                                                          |
| NCBI Official Full Name          | melanoma-associated antigen D2                                 |
| NCBI Official Synonym Full Names | melanoma antigen family D2                                     |
| NCBI Official Symbol             | MAGED2                                                         |
| NCBI Official Synonym Symbols    | 11B6; BCG1; BCG-1; HCA10; MAGE-D2                              |
| NCBI Protein Information         | melanoma-associated antigen D2                                 |
| UniProt Protein Name             | Melanoma-associated antigen D2                                 |
| UniProt Gene Name                | MAGED2                                                         |
| UniProt Synonym Gene Names       | BCG1; BCG-1                                                    |
| UniProt Entry Name               | MAGD2_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.