

## Rabbit anti-Human MR1 Polyclonal Antibody | anti-MR1 antibody

MR1 Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA232264</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

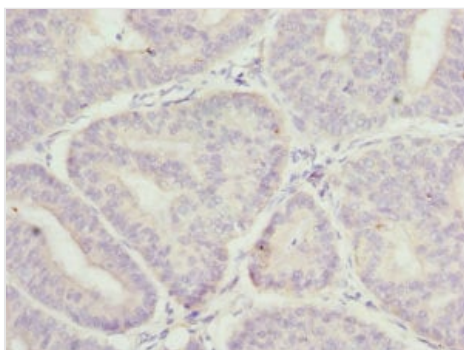
### PRODUCT SYNONYMS

MR1; Polyclonal Antibody; MR1 Antibody; Major histocompatibility complex class I-related gene protein; MHC class I-related gene protein; Class I histocompatibility antigen-like protein; anti-MR1 antibody

### PRODUCT SPECIFICATIONS

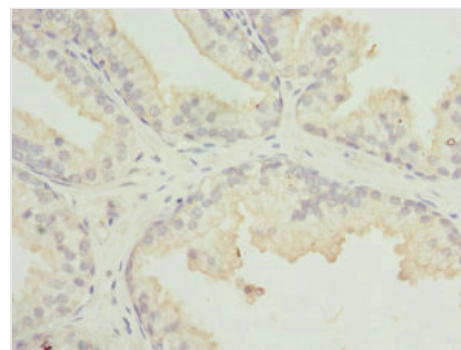
|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                     |
| Isotype                                       | IgG                                                                                                            |
| Purity/Purification                           | Antigen Affinity Purified                                                                                      |
| Form/Format                                   | Liquid                                                                                                         |
| Sequence Length                               | 296                                                                                                            |
| Applicable Applications for anti-MR1 antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Species                                       | Human                                                                                                          |
| Immunogen                                     | Recombinant human Major histocompatibility complex class I-related gene protein (20-260AA)                     |
| Conjugate                                     | Non-conjugated                                                                                                 |
| Buffer                                        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292077                                 |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA232264 at dilution 1:100



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA232264 at dilution 1:100

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MR1 antibody | Antigen-presenting molecule specialized in presenting microbial vitamin B metabolites. Involved in the development and expansion of a small population of T-cells expressing an invariant T-cell receptor alpha chain called mucosal-associated invariant T-cells (MAIT). MAIT lymphocytes are preferentially located in the gut lamina propria and therefore may be involved in monitoring commensal flora or serve as a distress signal. Expression and MAIT cell recognition seem to be ligand-dependent. |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 303324539                                                                                      |
| NCBI GeneID                      | 3140                                                                                           |
| NCBI Accession #                 | NP_001181928.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001194999.1                                                                                 |
| UniProt Accession #              | Q95460; O97985; O97986; Q53GM1; Q95HB8; Q9MY23; Q9NPL2; Q9TQB3; Q9TQB9; Q9TQK3; A8K2V9; B4E3B1 |
| Molecular Weight                 | 25,190 Da                                                                                      |
| NCBI Official Full Name          | major histocompatibility complex class I-related gene protein isoform 2                        |
| NCBI Official Synonym Full Names | major histocompatibility complex, class I-related                                              |
| NCBI Official Symbol             | MR1                                                                                            |
| NCBI Official Synonym Symbols    | HLALS                                                                                          |
| NCBI Protein Information         | major histocompatibility complex class I-related gene protein                                  |
| UniProt Protein Name             | Major histocompatibility complex class I-related gene protein                                  |
| UniProt Gene Name                | MR1                                                                                            |
| UniProt Synonym Gene Names       | MHC class I-related gene protein                                                               |
| UniProt Entry Name               | HMR1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mr1-antibody-immunohistochemistry-elisa/232264>