

## Rabbit anti-Human MAGEA10 Polyclonal Antibody | anti-MAGEA10 antibody

MAGEA10 Antibody (C-term)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA289332</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

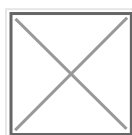
### PRODUCT SYNONYMS

MAGEA10; Polyclonal Antibody; MAGEA10 Antibody (C-term); Melanoma-associated antigen 10; Cancer/testis antigen 110; CT110; MAGE-10 antigen; MAGE10; anti-MAGEA10 antibody

### PRODUCT SPECIFICATIONS

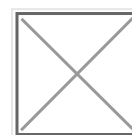
|                                                   |                                                                                                                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                    |
| Reactivity                                        | Human                                                                                                                                                                                     |
| Clonality                                         | Polyclonal                                                                                                                                                                                |
| Isotype                                           | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                       | This MAGEA10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 324-353 amino acids from the C-terminal region of human MAGEA10.                |
| 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                                | 324-353                                                                                                                                                                                   |
| Sequence Length                                   | 369                                                                                                                                                                                       |
| Applicable Applications for anti-MAGEA10 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 breast carcinoma tissue reacted with MAGEA10 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



#### 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-MAGEA10 C-term Antibody is used in Western blot to detect MAGEA10 in HL60 lysate.

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MAGEA10 antibody | MAGEA10 is a member of the MAGEA gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 80% sequence identity between each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are expressed at a high level in a number of tumors of various histologic types, and are silent in normal tissues with the exception of testis and placenta. The MAGEA genes are clustered on chromosome Xq28. They may be implicated in some hereditary disorders, such as dyskeratosis congenita. |
| Product Categories/Family for anti-MAGEA10 antibody   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| References                                            | Rogner, U.C., et al., Genomics 29(3):725-731 (1995).<br>De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 352962165                                   |
| NCBI GeneID                      | 4109                                        |
| NCBI Accession #                 | NP_001011543.2; NP_001238757.1; NP_066386.2 |
| NCBI GenBank Nucleotide #        | NM_001011543.2                              |
| UniProt Accession #              | P43363                                      |
| Molecular Weight                 | 40780                                       |
| NCBI Official Full Name          | melanoma-associated antigen 10              |
| NCBI Official Synonym Full Names | melanoma antigen family A10                 |
| NCBI Official Symbol             | MAGEA10                                     |
| NCBI Official Synonym Symbols    | CT1.10; MAGE10                              |
| NCBI Protein Information         | melanoma-associated antigen 10              |
| UniProt Protein Name             | Melanoma-associated antigen 10              |
| UniProt Gene Name                | <b>MAGEA10</b>                              |
| UniProt Synonym Gene Names       | MAGE10; CT1.10                              |
| UniProt Entry Name               | MAGAA_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.