

Mouse anti-Human MAGEA3 Monoclonal Antibody | anti-MAGEA3 antibody

Anti-MAGEA3 Antibody (clone 4E2) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52572	Mouse	Human	Western Blot, Immunohistochemistry

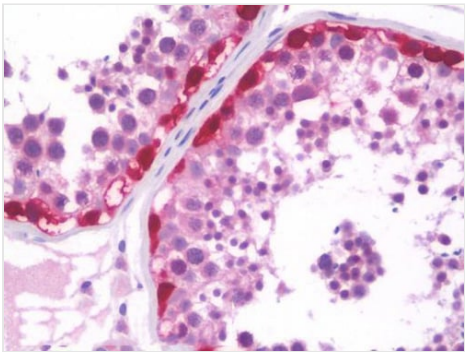
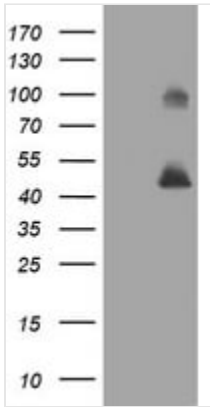
PRODUCT SYNONYMS

MAGEA3; Monoclonal Antibody; Anti-MAGEA3 Antibody (clone 4E2) IHC-plus; Mouse Monoclonal [clone 4E2] (IgG2a) to Human MAGEA3; Human MAGEA3; Antigen MZ2-D; Cancer/testis antigen 1.3; CT1.3; HYPD; MAGE-3 antigen; Melanoma-associated antigen 3; HIP8; MAGE3; Melanoma antigen family A; 3; anti-MAGEA3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4E2
Specificity	Human MAGEA3
Purity/Purification	Protein A/G purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	314
Applicable Applications for anti-MAGEA3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	MAGEA3 antibody was raised against full length human recombinant protein of human MAGEA3 (NP_005353) produced in HEK293T cell.
Immunogen Description	Full length human recombinant protein of human MAGEA3 (NP_005353) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-MAGEA3 antibody IHC staining of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

WB (Western Blot)
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAGEA3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MAGEA3.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA3 antibody	MAGEA3 Antibody, Antigen MZ2-D Antibody, Cancer/testis antigen 1.3 Antibody, CT1.3 Antibody, HYPD Antibody, MAGE-3 antigen Antibody, Melanoma-associated antigen 3 Antibody, HIP8 Antibody, MAGE3 Antibody, Melanoma antigen family A, 3 Antibody Description: Proposed to enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. May enhance ubiquitin ligase activity of TRIM28 and stimulate p53/TP53 ubiquitination by TRIM28. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. May play a role in embryonal development and tumor transformation or aspects of tumor progression. In vitro promotes cell viability in melanoma cell lines.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1170857
NCBI GeneID	4102
UniProt Accession #	P43357; Q6FHI6
Molecular Weight	34,747 Da
NCBI Official Full Name	Melanoma-associated antigen 3
NCBI Official Synonym Full Names	MAGE family member A3
NCBI Official Symbol	MAGEA3
NCBI Official Synonym Symbols	HIP8; HYPD; CT1.3; MAGE3; MAGEA6
NCBI Protein Information	melanoma-associated antigen 3
UniProt Protein Name	Melanoma-associated antigen 3
UniProt Gene Name	MAGEA3
UniProt Synonym Gene Names	MAGE3; CT1.3
UniProt Entry Name	MAGA3_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.