

Rabbit anti-Human MAGEA1 Polyclonal Antibody | anti-MAGEA1 antibody

MAGEA1 Antibody (Center)

CATALOG # AAA288872	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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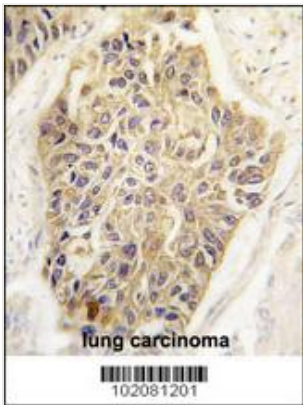
PRODUCT SYNONYMS

MAGEA1; Polyclonal Antibody; MAGEA1 Antibody (Center); Melanoma-associated antigen 1; Antigen MZ2-E; Cancer/testis antigen 11; CT11; MAGE-1 antigen; MAGE1; MAGE1A; anti-MAGEA1 antibody

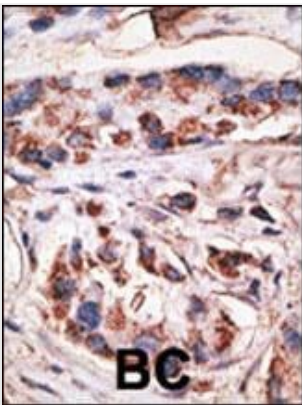
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAGEA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 143-173 amino acids from the Central region of human MAGEA1.
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	143-173
Sequence Length	309
Applicable Applications for anti-MAGEA1 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.

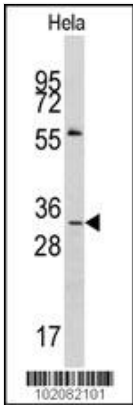
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with MAGEA1 Antibody (Center) , 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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-MAGEA1 Antibody (Center) (RB02082) in HeLa cell line lysates (35ug/lane). MAGEA1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA1 antibody	MAGEA1 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-MAGEA1 antibody	Cancer
References	Suyama, T., et al., Leuk. Res. 26(12):1113-1118 (2002). Mallon, A.M., et al., Genome Res. 10(6):758-775 (2000). Rogner, U.C., et al., Genomics 29(3):725-731 (1995). Schultz-Thater, E., et al., Int. J. Cancer 59(3):435-439 (1994). Celis, E., et al., Mol. Immunol. 31(18):1423-1430 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	148276977
NCBI GeneID	4100

NCBI Accession #	NP_004979.3
NCBI GenBank Nucleotide #	NM_004988.4
UniProt Accession #	P43355 ; O00346 ; B2RC81 ; AAB33086
Molecular Weight	34342
NCBI Official Full Name	melanoma-associated antigen 1
NCBI Official Synonym Full Names	melanoma antigen family A1
NCBI Official Symbol	MAGEA1
NCBI Official Synonym Symbols	CT1.1; MAGE1
NCBI Protein Information	melanoma-associated antigen 1
UniProt Protein Name	Melanoma-associated antigen 1
UniProt Gene Name	MAGEA1
UniProt Synonym Gene Names	MAGE1; MAGE1A; CT1.1
UniProt Entry Name	MAGA1_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/magea1-antibody-immunohistochemistry-western-blot-elisa/288872>