

Rabbit anti-Human MAGEA9 Polyclonal Antibody | anti-MAGEA9 antibody

MAGEA9 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285463	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

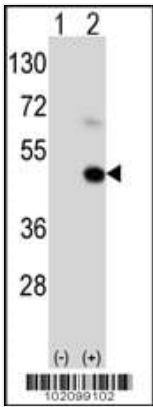
PRODUCT SYNONYMS

MAGEA9; Polyclonal Antibody; MAGEA9 Antibody (Center); Melanoma-associated antigen 9; Cancer/testis antigen 19; CT19; MAGE-9 antigen; MAGE9; MAGEA9A; anti-MAGEA9 antibody

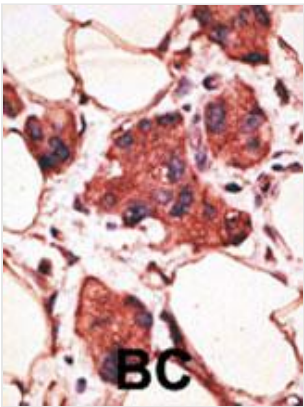
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB2099
Specificity	This MAGEA9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 171-198 amino acids from the Central region of human MAGEA9.
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	171-198
Sequence Length	315
Applicable Applications for anti-MAGEA9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression
Tissue Location	Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes and placenta EMBL.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

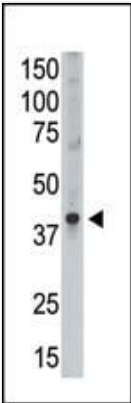
IMAGES



WB (Western Blot)
Western blot analysis of MAGEA9 (arrow) using rabbit polyclonal MAGEA9 Antibody (C185). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MAGEA9 gene.



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 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-MAGEA9 Ctr Antibody is used in Western blot to detect MAGEA9 in Placenta lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA9 antibody	MAGEA9 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-MAGEA9 antibody	Cancer
References	Rogner, U.C., et al., Genomics 29(3):725-731 (1995). De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	124248554
NCBI GeneID	728269
NCBI Accession #	NP_001074259.1; NP_005356.1

NCBI GenBank Nucleotide #	NM_001080790.1
UniProt Accession #	P43362; Q7Z5K4; Q92910; A8K8A7
NCBI Official Full Name	melanoma-associated antigen 9
NCBI Official Synonym Full Names	melanoma antigen family A9B
NCBI Official Symbol	MAGEA9B
NCBI Protein Information	melanoma-associated antigen 9
UniProt Protein Name	Melanoma-associated antigen 9
UniProt Gene Name	MAGEA9
UniProt Synonym Gene Names	MAGE9; MAGEA9A; CT1.9
UniProt Entry Name	MAGA9_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://www.aaabiotech.com/polyclonal/magea9-antibody-clone-rb2099-immunohistochemistry-western-blot-elisa/285463>