

Rabbit anti-Human MAGEA3 Polyclonal Antibody | anti-MAGEA3 antibody

MAGEA3 Antibody (C-term)

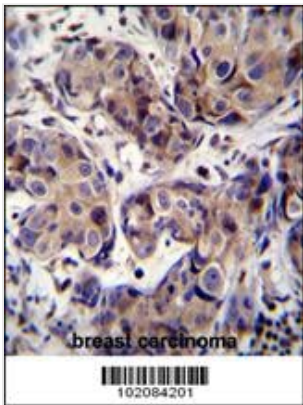
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283812	Rabbit	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

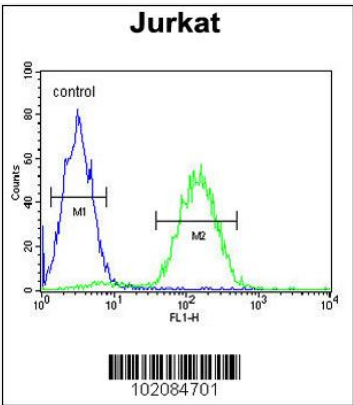
MAGEA3; Polyclonal Antibody; MAGEA3 Antibody (C-term); Melanoma-associated antigen 3; Antigen MZ2-D; Cancer/testis antigen 13; CT13; MAGE-3 antigen; MAGE3; anti-MAGEA3 antibody

PRODUCT SPECIFICATIONS

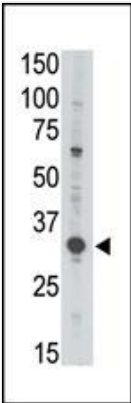
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAGEA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 283-314 amino acids from the C-terminal region of human MAGEA3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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	283-314
Sequence Length	314
Applicable Applications for anti-MAGEA3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), 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.



IHC (Immunohistochemisry)
MAGEA3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MAGEA3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
MAGEA3 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
The anti-MAGEA3 (C-term) Antibody is used in Western blot to detect MAGEA3 in Jurkat lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA3 antibody	MAGEA3 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-MAGEA3 antibody	Cancer
References	Guo, J., et al., Exp. Mol. Pathol. 74(2):140-147 (2003). Consogno, G., et al., Blood 101(3):1038-1044 (2003). Rogner, U.C., et al., Genomics 29(3):725-731 (1995). Gaugler, B., et al., J. Exp. Med. 179(3):921-930 (1994). van der Bruggen, P., et al., Science 254(5038):1643-1647 (1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885467
NCBI GeneID	4102
NCBI Accession #	NP_005353.1

NCBI GenBank Nucleotide #	NM_005362.3
UniProt Accession #	P43357 ; Q6FHI6
Molecular Weight	34747
NCBI Official Full Name	melanoma-associated antigen 3
NCBI Official Synonym Full Names	melanoma antigen family 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/magea3-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/283812>