

Rabbit MAGEA4 Polyclonal Antibody | anti-MAGEA4 antibody

MAGEA4 Antibody

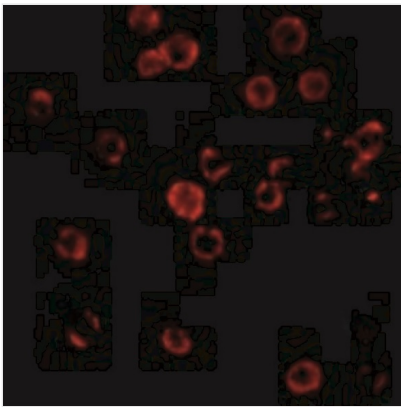
CATALOG # AAA10974	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

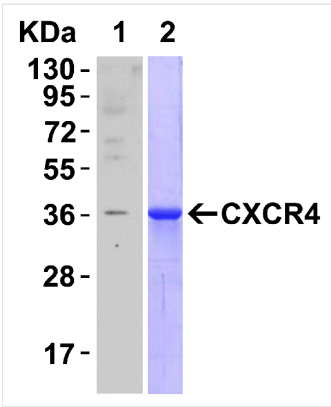
MAGEA4; Polyclonal Antibody; MAGEA4 Antibody; Melanoma antigen family A4; MAGE4; MAGE-41; MAGE4A; MAGE-4 antigen; MAGE4B; MAGE-X2; MAGE-X2 antigen; Melanoma-associated antigen 4; melanoma antigen family A; 4; anti-MAGEA4 antibody

PRODUCT SPECIFICATIONS

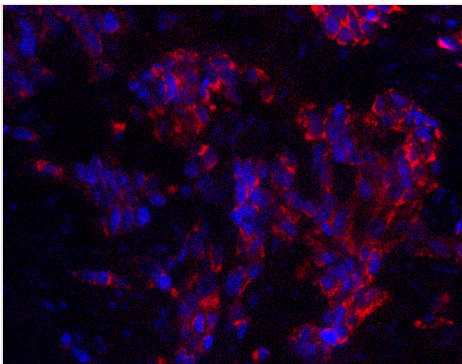
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MAGEA4 antibody is human specific. At least four isoforms of MAGEA4 are known to exist.
Purity/Purification	MAGEA4 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	317
Applicable Applications for anti-MAGEA4 antibody	ELISA, WB (Western Blot)
Application Notes	MAGEA4 antibody can be used for detection of MAGEA4 by Western blot at 1 - 2 mug/ml.
Conjugate	Unconjugated
Immunogen	MAGEA4 antibody was raised against a 16 amino acid peptide near the amino terminus of human MAGEA4.
Buffer	MAGEA4 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	MAGEA4 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.



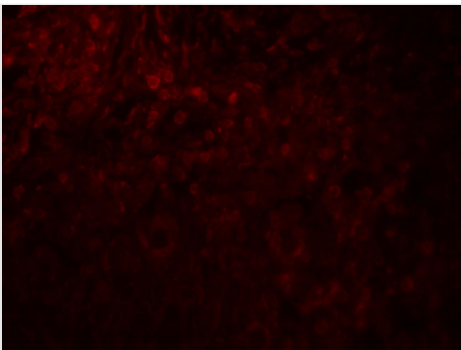
IF (Immunofluorescence)
Immunofluorescence of MAGEA4 in HeLa cells with MAGEA4 antibody at 20 µg/ml. Red: MAGEA4 Antibody (8191) Blue: DAPI staining



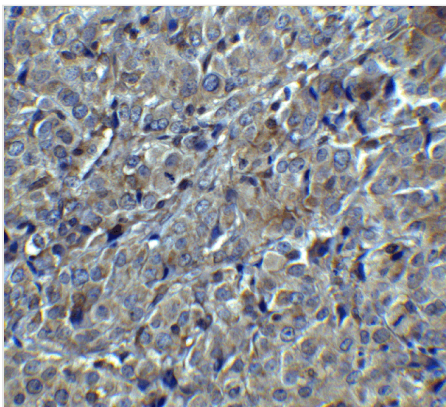
ICC (Immunocytochemistry)
Immunocytochemistry of MAGEA4 in HeLa cells with MAGEA4 antibody at 5 µg/ml.



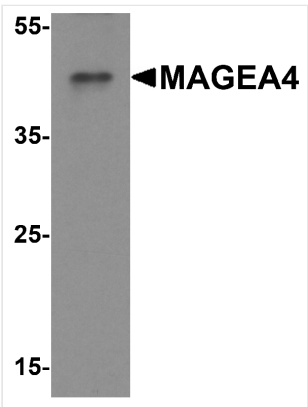
IF (Immunofluorescence)
Immunofluorescence of MAGEA4 in human breast cancer tissue with MAGEA4 antibody at 20 µg/ml. Green: MAGEA4 Antibody (8191) Blue: DAPI staining



IF (Immunofluorescence)
Immunofluorescence of MAGEA4 in human breast cancer tissue with MAGEA4 antibody at 20 µg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of MAGEA4 in human breast tumor with MAGEA4 antibody at 5 µg/mL.



WB (Western Blot)
Western blot analysis of MAGEA4 in A431 cell lysate with MAGEA4 antibody at 1 µg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA4 antibody

MAGEA4 is a member of the melanoma-associated antigen family that consists of a number of antigens recognized by cytotoxic T lymphocytes (1). MAGEA4 may serve as a target for antitumoral vaccination and may play a role in embryonal development and tumor transformation or aspects of tumor progression. It is expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma and have been implicated in some hereditary disorders, such as dyskeratosis congenital (2-4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530871
NCBI GeneID	4103
NCBI Accession #	NP_001011550
NCBI GenBank Nucleotide #	NM_001011550.1
UniProt Accession #	P43358; Q14798
Molecular Weight	Predicted: 35 kDa Observed: 45 kDa
NCBI Official Full Name	melanoma-associated antigen 4
NCBI Official Synonym Full Names	melanoma antigen family A, 4
NCBI Official Symbol	MAGEA4
NCBI Official Synonym Symbols	CT1.4; MAGE4; MAGE4A; MAGE4B; MAGE-41; MAGE-X2
NCBI Protein Information	melanoma-associated antigen 4; MAGE-4 antigen; MAGE-41 antigen; MAGE-X2 antigen; cancer/testis antigen 1.4; cancer/testis antigen family 1, member 4
UniProt Protein Name	Melanoma-associated antigen 4
UniProt Gene Name	MAGEA4
UniProt Synonym Gene Names	MAGE4; CT1.4
UniProt Entry Name	MAGA4_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/magea4-antibody-western-blot-elisa/10974>