

Rabbit MAGE-1 Polyclonal Antibody | anti-MAGE-1 antibody

MAGE-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321119	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MAGE-1; Polyclonal Antibody; MAGE-1 Antibody; Antigen MZ2 E; Antigen MZ2-E; Cancer/testis antigen 1.1; cancer/testis antigen family 1; member 1; CT1.1; MAGA1_HUMAN; MAGE 1 antigen; MAGE-1 antigen; MAGE1; MAGE1A; MAGEA1; Melanoma antigen 1; Melanoma antigen family A 1 (directs expression of antigen MZ2 E); Melanoma antigen family A 1; Melanoma antigen MAGE 1; Melanoma associated antigen 1; Melanoma associated antigen MZ2 E; Melanoma-associated antigen 1; MGC9326; anti-MAGE-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MAGE-1 antibody detects endogenous levels of MAGE-1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	309
Applicable Applications for anti-MAGE-1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAGE-1, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis on rat brain lysate using MAGE-1 Antibody


WB (Western Blot)

Western blot analysis on HepG2 cell lysate using MAGE-1 Antibody. The lane on the left is treated with the antigen-specific peptide.



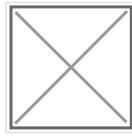
IHC (Immunohistochemisry)

AAA321119 at 1/100 staining human Breast carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA321119 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA321119) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



IF (Immunofluorescence)

AAA321119 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGE-1 antibody

Description: MAGE-A1 a tumor antigen expressed in a variety of tumor cells and in the testis. May play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes. Note: This description may include information from UniProtKB.

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
Molecular Weight	34 kDa
NCBI Official Full Name	melanoma-associated antigen 1
NCBI Official Synonym Full Names	MAGE family member 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

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/mage-1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321119>