

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

MAGEA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327398	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

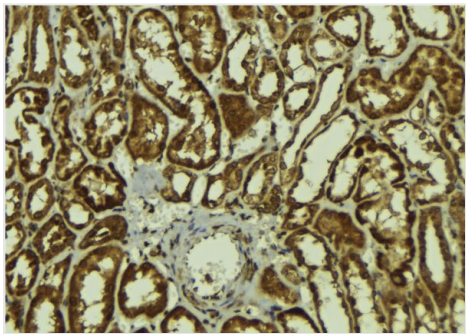
PRODUCT SYNONYMS

MAGEA1; Polyclonal Antibody; MAGEA1 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; 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-MAGEA1 antibody

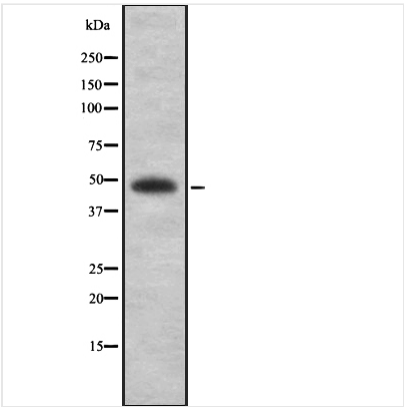
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MAGEA1 antibody detects endogenous levels of total MAGEA1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid; 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-MAGEA1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAGEA1, corresponding region within N-Terminal amino acids
Tissue Specificity	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. Never expressed in kidney tumors, leukemias and lymphomas.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327398 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample 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.



WB (Western Blot)
Western blot analysis of MAGEA1 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA1 antibody	Function: May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deactelyase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. 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. Subunit Structure: Interacts with SNW1 and HDCA1.
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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	Observed: 48 kDa Predicted: 35 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.