Mouse anti-Human, Mouse MAGEA12 Monoclonal Antibody | anti-MAGEA12 antibody

MAGEA12 (Melanoma-associated Antigen 12, MAGE-12 Antigen, MAGE-12F Antigen, Cancer/Testis Antigen 1.12, CT1.12, MAGE12) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25740	**Mouse**	**Human, Mouse**	**ELISA, Western Blot**

PRODUCT SYNONYMS

MAGEA12; Monoclonal Antibody; MAGEA12 (Melanoma-associated Antigen 12; MAGE-12 Antigen; MAGE-12F Antigen; Cancer/Testis Antigen 1.12; CT1.12; MAGE12) (PE); anti-MAGEA12 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3A10
Specificity	Recognizes human MAGEA12. Species Crossreactivity: mouse.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-MAGEA12 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa70-168 from human MAGEA12 (NP_005358) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	TLPTTINYTLWSQSDEGSSNEEQEGPSTFPDLETSFQVALSRKMAELVHFLLLKYRAREPFTKAEMLGSVIRNFQDFFPVIFSKASEYLQLVFGIEVVE
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
Western Blot detection against Immunogen (36.63kD).

Application Data
Detection limit for recombinant GST tagged MAGEA12 is 0.03ng/ml as a capture antibody.

WB (Western Blot)
MAGEA12 monoclonal antibody. Western Blot analysis of MAGEA12 expression in NIH/3T3.

WB (Western Blot)
MAGEA12 monoclonal antibody. Western Blot analysis of MAGEA12 expression in Jurkat.

WB (Western Blot)
MAGEA12 monoclonal antibody. Western Blot analysis of MAGEA12 expression in Raw 264.7.

WB (Western Blot)
MAGEA12 monoclonal antibody. Western Blot analysis of MAGEA12 expression in human liver.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA12 antibody	MAGEA12 is a member of the melanoma antigen gene (MAGE) family. The proteins of this family are tumor-specific antigens that can be recognized by autologous cytolytic T lymphocytes. This gene is expressed in various tumors and tumor cell lines from different tissue origins, but not detected in normal tissues, except testis. The function of this gene is unknown. This and other MAGE genes form a gene cluster at chromosome Xq28 region.
Product Categories/Family for anti-MAGEA12 antibody	Antibodies; Cancer Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530873
NCBI GeneID	4111
NCBI Accession #	NP_005358
NCBI GenBank Nucleotide #	NM_005367
UniProt Accession #	P43365
Molecular Weight	35kDa
NCBI Official Full Name	melanoma-associated antigen 12
NCBI Official Synonym Full Names	MAGE family member A12
NCBI Official Symbol	MAGEA12
NCBI Official Synonym Symbols	CT1.12; MAGE12
NCBI Protein Information	melanoma-associated antigen 12
UniProt Protein Name	Melanoma-associated antigen 12
UniProt Gene Name	**MAGEA12**
UniProt Synonym Gene Names	MAGE12; CT1.12
UniProt Entry Name	MAGAC_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/monoclonal/magea12-antibody-clone-3a10-western-blot-elisa/25740