

Mouse anti-Human MAGEA4 Monoclonal Antibody | anti-MAGEA4 antibody

Mouse anti-Homo sapiens (Human) MAGEA4 Monoclonal antibody

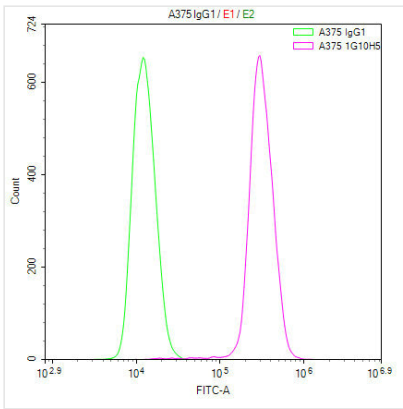
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279136	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

MAGEA4; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) MAGEA4 Monoclonal antibody; MAGEA4 Monoclonal Antibody; Cancer/testis antigen 1.4; CT1.4; MAGA4_HUMAN; MAGE 4; MAGE 4 antigen; MAGE 41; MAGE 41 antigen; MAGE 4A; MAGE 4B; MAGE X2; MAGE X2 antigen; MAGE-4 antigen; MAGE-41 antigen; MAGE-X2 antigen; MAGE4; MAGE41; MAGE4A; MAGE4B; MAGEA 4; Melanoma antigen family A 4; Melanoma associated antigen 4; Melanoma-associated antigen 4; MGC21336; anti-MAGEA4 antibody

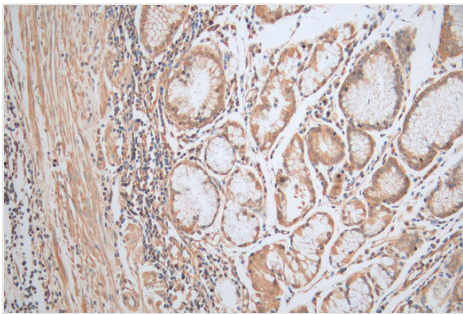
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G10H5
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for anti-MAGEA4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Melanoma-associated antigen 4 protein (1-317AA)
Conjugation	Non-conjugated
Research Area	Cancer
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



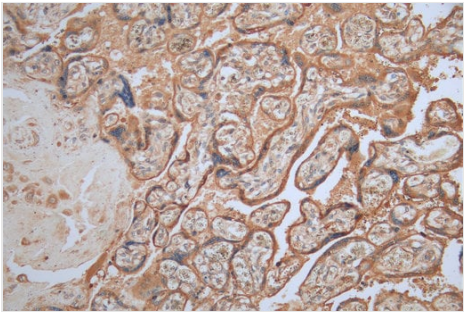
FCM/FACS (Flow Cytometry)

Overlay Peak curve showing A375 cells stained with (red line) at 1:100. Then 10% normal goat serum was Incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



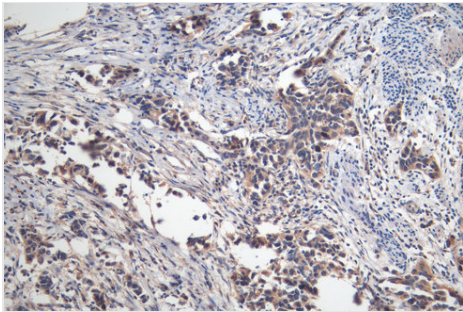
IHC (Immunohistochemistry)

IHC image of AAA279136 diluted at 1:200 and staining in paraffin-embedded human gastric cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse polymer IgG labeled by HRP and visualized using 0.05% DAB.



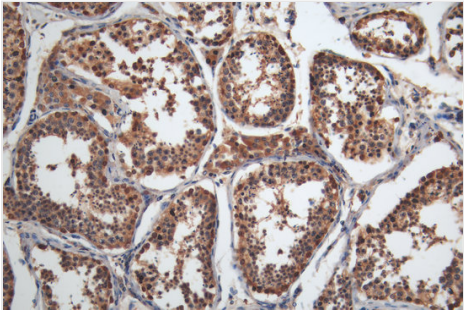
IHC (Immunohistochemistry)

IHC image of AAA279136 diluted at 1:200 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of AAA279136 diluted at 1:200 and staining in paraffin-embedded human bladder cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of AAA279136 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse polymer IgG labeled by HRP and visualized using 0.05% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530867
NCBI GeneID	4103

NCBI Accession #	NP_001011548.1
NCBI GenBank Nucleotide #	NM_001011548.1
UniProt Accession #	P43358 ; Q14798
NCBI Official Full Name	melanoma-associated antigen 4
NCBI Official Synonym Full Names	melanoma antigen family A4
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; melanoma antigen family A, 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/monoclonal/magea4-antibody-clone-1g10h5-flow-cytometry-immunohistochemistry-elisa/279136>