

Anti-MAGEA4 Antibody

Catalog # AP95934

Product Information

Application	WB, IHC, FC
Primary Accession	P43358
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	34899

Additional Information

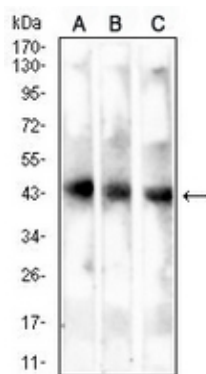
Gene ID	4103
Other Names	MAGE4; Melanoma-associated antigen 4; Cancer/testis antigen 1.4; CT1.4; MAGE-4 antigen; MAGE-41 antigen; MAGE-X2 antigen
Target/Specificity	Recombinant fusion protein of human MAGEA4 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

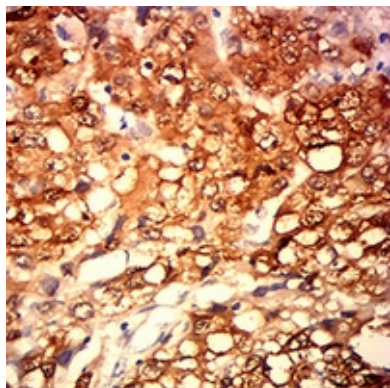
Name	MAGEA4
Synonyms	MAGE4
Function	Regulates cell proliferation through the inhibition of cell cycle arrest at the G1 phase (PubMed: 22842486). Also negatively regulates p53-mediated apoptosis (PubMed: 22842486).
Tissue Location	Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes and placenta

Images

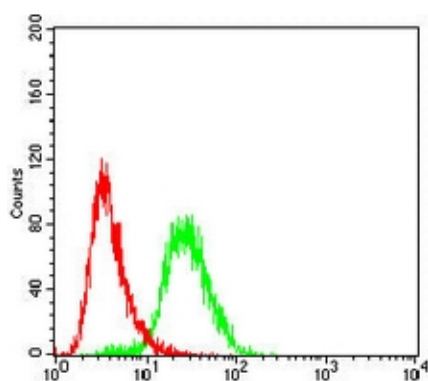
Western blot analysis of MAGEA4 expression in mouse liver (A), rat liver (B), rat kidney (C) whole cell lysates.



(Predicted band size: 35 kD; Observed band size: 43 kD)



Immunohistochemical analysis of MAGEA4 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of K562 cells using Anti-MAGEA4 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.