
Product Name: MAGEA4 Mouse Monoclonal Antibody**Catalog #: AMM82782**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	34.8kDa

Antigen Information

Gene Name	MAGEA4
Alternative Names	CT1.4; MAGE4; MAGE4A; MAGE4B; MAGE-41; MAGE-X2
Gene ID	4103.0
SwissProt ID	P43358
Immunogen	Purified recombinant fragment of human MAGEA4 (AA: 1-225) expressed in E. Coli.

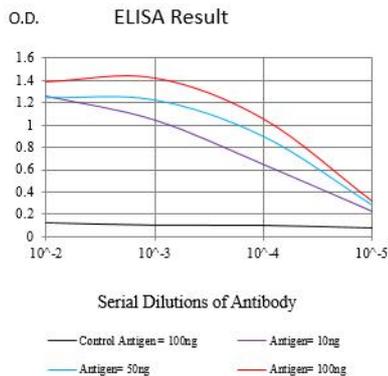
Background

This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA

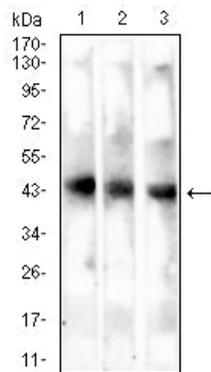
genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. Several variants encoding the same protein have been found for this gene.

Research Area

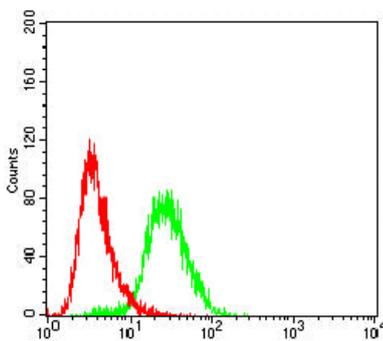
Image Data



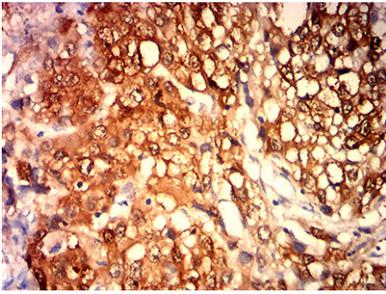
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using MAGEA4 mouse mAb against Mouse liver (1), Rat liver (2), and Rat kidney (3) cell lysate.



Flow cytometric analysis of K562 cells using MAGEA4 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using MAGEA4 mouse mAb with DAB staining.