

MAGEA4 Monoclonal Antibody

Description

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|--------------------------------|---|
| Product type | Antibody |
| Code | BT-MCA2391 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human MAGEA4 (AA: 1-225) expressed in E. Coli. |
| Mol wt | 34.8kDa |
| Species reactivity | Others |
| Clonality | Monoclonal |
| Recommended application | WB,IHC,FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | CT1.4;MAGE4;MAGE4A;MAGE4B;MAGE-41;MAGE-X2 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

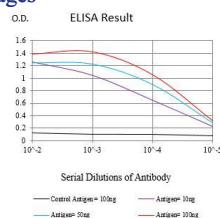
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

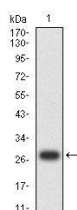
ELISA: 1:10000

Not yet tested in other applications.

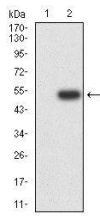
Images



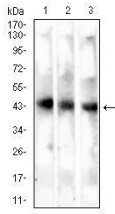
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



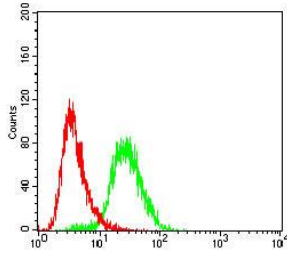
Western blot analysis using MAGEA4 mAb against human MAGEA4 (AA: 1-225) recombinant protein. (Expected MW is 27.2 kDa)



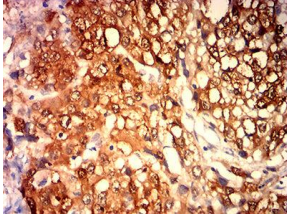
Western blot analysis using MAGEA4 mAb against HEK293-6e (1) and MAGEA4 (AA: 1-225)-hlgGFc transfected HEK293-6e (2) cell lysate.



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 liver cancer tissues using MAGEA4 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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