

M6PR Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2335
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human M6PR (AA: 124-277) expressed in E. Coli.
Mol wt	30.9kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	SMPR;MPR46;CD-MPR;MPR 46;MPR-46;CD-M6PR

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

Background

This gene encodes a member of the P-type lectin family. P-type lectins play a critical role in lysosome function through the specific transport of mannose-6-phosphate-containing acid hydrolases from the Golgi complex to lysosomes. The encoded protein functions as a homodimer and requires divalent cations for ligand binding. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome X.

Recommended Dilution

WB: 1:500 - 1:2000

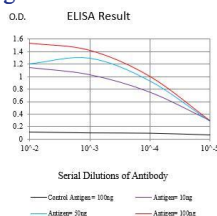
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

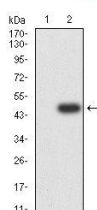
ELISA: 1:10000

Not yet tested in other applications.

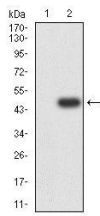
Images



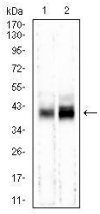
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



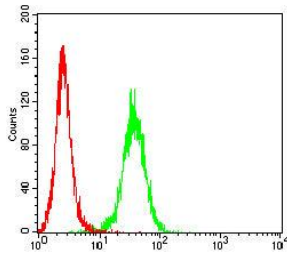
Western blot analysis using M6PR mAb against human M6PR (AA: 124-277) recombinant protein. (Expected MW is 43 kDa)



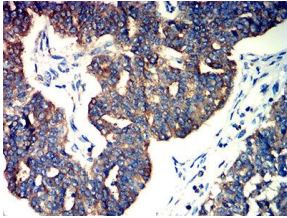
Western blot analysis using M6PR mAb against HEK293-6e (1) and M6PR (AA: 124-277)-hIgGFc transfected HEK293-6e (2) cell lysate.



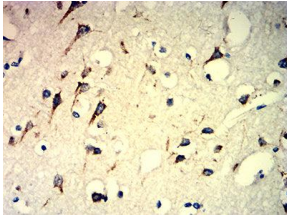
Western blot analysis using M6PR mouse mAb against mouse brain (1) and HepG2 (2) cell lysate.



Flow cytometric analysis of THP-1 cells using M6PR mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using M6PR mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human brain tissues using M6PR mouse mAb with DAB staining.

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com