

MRP3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2684
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human MRP3 (AA: 830-949) expressed in E. Coli.
Mol wt	43kDa
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	MLP2;MRP3;ABC31;MOAT-D;cMOAT2;EST90757

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

Background

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. The specific function of this protein has not yet been determined; however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

Recommended Dilution

WB: 1:500 - 1:2000

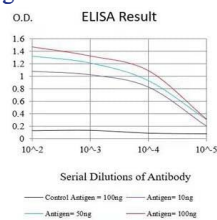
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

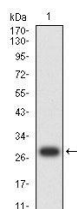
ELISA: 1:10000

Not yet tested in other applications.

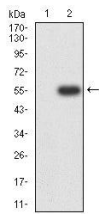
Images



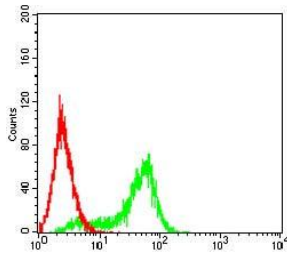
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



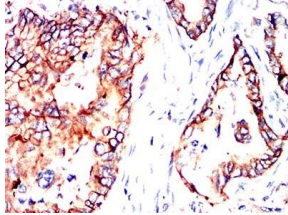
Western blot analysis using MRP3 mAb against human MRP3 (AA: 830-949) recombinant protein. (Expected MW is 29.6 kDa)



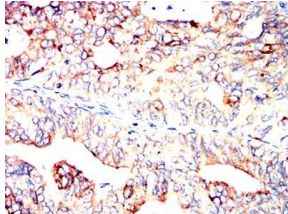
Western blot analysis using MRP3 mAb against HEK293-6e (1) and MRP3 (AA: 830-949)-hIgGFc transfected HEK293-6e (2) cell lysate.



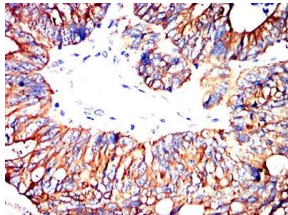
Flow cytometric analysis of HepG2 cells using MRP3 mouse mAb (green) and negative control (red).



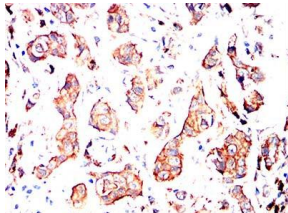
Immunohistochemical analysis of paraffin-embedded lung cancer tissues using MRP3 mouse mAb with DAB staining.



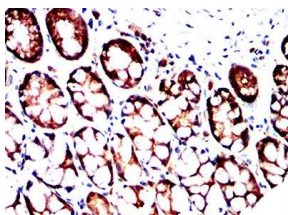
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using MRP3 mouse mAb with DAB staining.



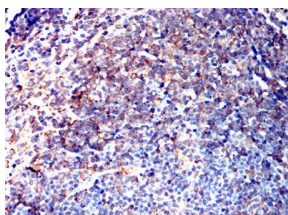
Immunohistochemical analysis of paraffin-embedded colon cancer tissues using MRP3 mouse mAb with DAB staining.



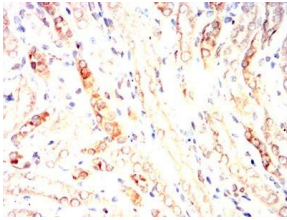
Immunohistochemical analysis of paraffin-embedded breast cancer tissues using MRP3 mouse mAb with DAB staining.



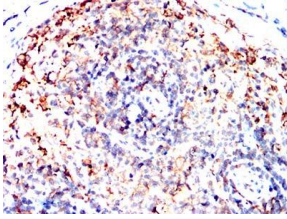
Immunohistochemical analysis of paraffin-embedded mouse colon tissues using MRP3 mouse mAb with DAB staining.



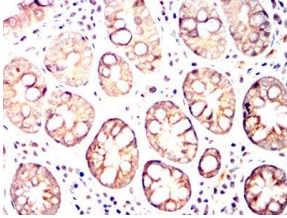
Immunohistochemical analysis of paraffin-embedded mouse spleen tissues using MRP3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rat kidney tissues using MRP3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rat spleen tissues using MRP3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit rectum tissues using MRP3 mouse mAb with DAB staining.

Storage

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

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