

MB Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4596
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human MB (AA: 2-154) expressed in E. Coli.
Mol wt	17.2kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	PVALB;myoglobin

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

Background

This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported.

Recommended Dilution

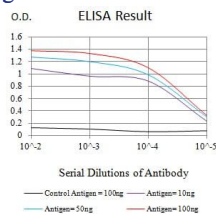
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

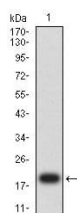
ELISA: 1:10000

Not yet tested in other applications.

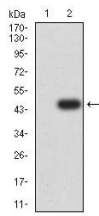
Images



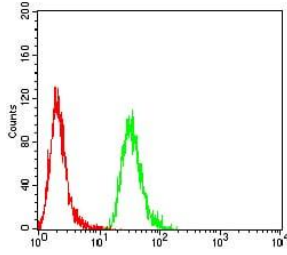
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using MB mAb against human MB (AA: 2-154) recombinant protein. (Expected MW is 20 kDa)



Western blot analysis using MB mAb against HEK2993 (1) and MB (AA: 2-154)-hlgGfc transfected HEK2993 (2) cell lysate.



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

Storage

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

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