

CD64 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4336
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD64 (AA: extra 16-145) expressed in E. Coli.
Mol wt	42.6kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	FCGR1A;FCRI;CD64A;IGFR1

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

Background

This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

Recommended Dilution

WB: 1:500 - 1:2000

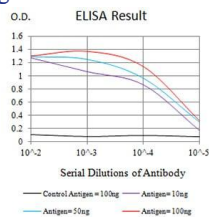
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

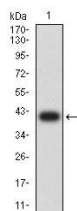
ELISA: 1:10000

Not yet tested in other applications.

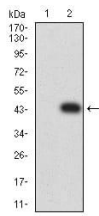
Images



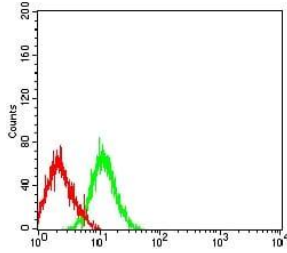
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



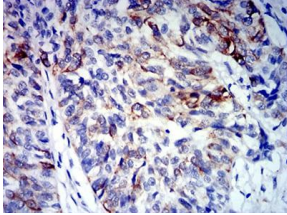
Western blot analysis using CD64 mAb against human CD64 (AA: extra 16-145) recombinant protein. (Expected MW is 40.6 kDa)



Western blot analysis using CD64 mAb against HEK293 (1) and CD64 (AA: extra 16-145)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD64 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using CD64 mouse mAb with DAB staining.

Storage

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

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