

FCGRT Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4219
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human FCGRT (AA: extra 24-297) expressed in E. Coli.
Mol wt	39.7kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	FCRN;alpha-chain

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

Background

This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants.

Recommended Dilution

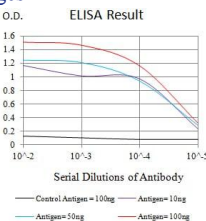
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

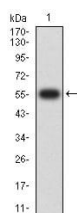
ELISA: 1:10000

Not yet tested in other applications.

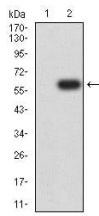
Images



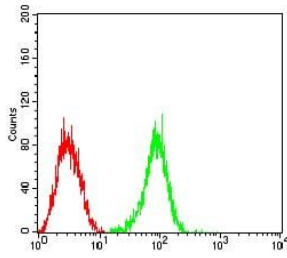
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using FCGRT mAb against human FCGRT (AA: extra 24-297) recombinant protein. (Expected MW is 56.3 kDa)



Western blot analysis using FCGR2A mAb against HEK293 (1) and FCGR2A (AA: extra 24-297)-hlgGfc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using FCGR2A 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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