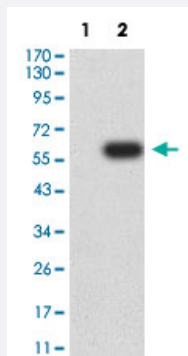


FCGRT monoclonal antibody, clone 5F3D1

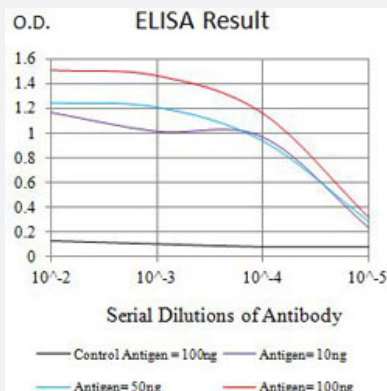
Catalog # MAB21356 Size 100 ug

Applications



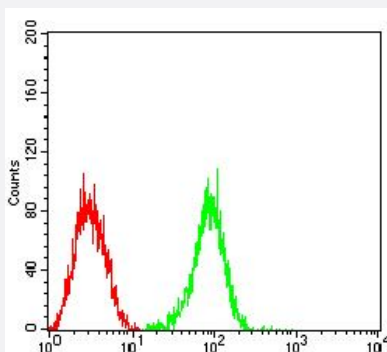
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: FCGRT-hlgGfC transfected HEK293 cell lysates with FCGRT monoclonal antibody, clone 5F3D1 (Cat # MAB21356).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with FCGRT monoclonal antibody, clone 5F3D1 (Cat # MAB21356).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with FCGRT monoclonal antibody, clone 5F3D1 (Cat # MAB21356) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FCGRT.
Immunogen	Recombinant protein corresponding to amino acids 24-297 of human FCGRT.
Host	Mouse
Theoretical MW (kDa)	39.7
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: FCGRT-hlgGfC transfected HEK293 cell lysates with FCGRT monoclonal antibody, clone 5F3D1 (Cat # MAB21356).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with FCGRT monoclonal antibody, clone 5F3D1 (Cat # MAB21356).

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Flow cytometric analysis of HL-60 cells with FCGRT monoclonal antibody, clone 5F3D1 (Cat # MAB21356) (Green). Red: Negative Control.

Gene Info — FCGRT

Entrez GeneID [2217](#)

Protein Accession# [P55899](#)

Gene Name	FCGRT
Gene Alias	FCRN, alpha-chain
Gene Description	Fc fragment of IgG, receptor, transporter, alpha
Omim ID	601437
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	FcRn alpha chain IgG Gc receptor neonatal Fc-receptor

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lupus Nephritis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)