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FCGR2A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8918b

Specification

FCGR2A Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	P12318
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35001**
Antigen Region	**255-282**

FCGR2A Antibody (C-term) - Additional Information

Gene ID 2212

Other Names
Low affinity immunoglobulin gamma Fc region receptor II-a, IgG Fc receptor II-a, CDw32, Fc-gamma RII-a, Fc-gamma-RIIa, FcRII-a, CD32, FCGR2A, CD32, FCG2, FCGR2A1, IGFR2

Target/Specificity
This FCGR2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-282 amino acids from the C-terminal region of human FCGR2A.

Dilution
WB~~1:1000
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FCGR2A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FCGR2A Antibody (C-term) - Protein Information

Name FCGR2A

Synonyms CD32, FCG2, FCGR2A1, IGFR2

Function Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens.

Cellular Location
Cell membrane; Single-pass type I membrane protein

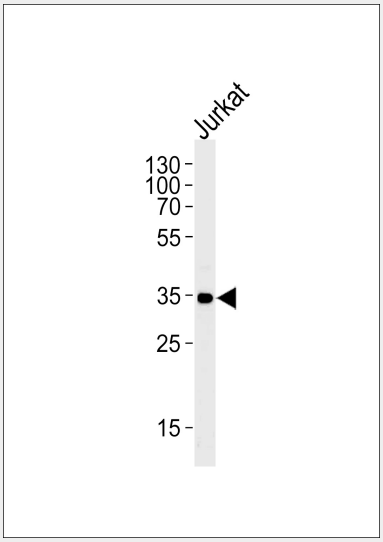
Tissue Location
Found on monocytes, neutrophils and eosinophil platelets

FCGR2A Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

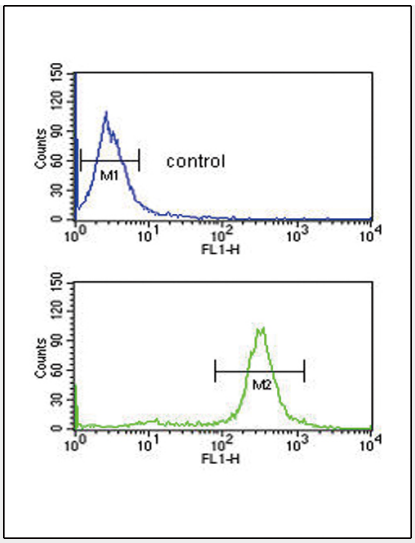
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FCGR2A Antibody (C-term) - Images



Western blot analysis of lysate from Jurkat cell line,using FCGR2A Antibody (C-term)(Cat. #AP8918b).AP8918b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug per lane.

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FCGR2A Antibody (C-term) (Cat. #AP8918b) flow cytometric analysis of MDA-MB435 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

FCGR2A Antibody (C-term) - Background

FCGR2A is one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

FCGR2A Antibody (C-term) - References

Staudt,A.et.al, Clin. Pharmacol. Ther. (2010) In press