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FCGR1A Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15043

Product Information

Application	WB
Primary Accession	P12314
Other Accession	NM_000566, NP_000557
Reactivity	Human, Yeast
Predicted	Human, Yeast
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42632

Additional Information

Gene ID	2209
Alias Symbol	CD64, CD64A, FCRI, FLJ18345, IGFR1
Other Names	High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I, Fc-gamma RI, FcRI, Fc-gamma RIA, FcgammaRIa, CD64, FCGR1A, FCG1, FCGR1, IGFR1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FCGR1A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	FCGR1A Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

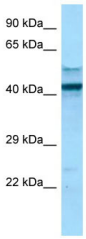
Name	FCGR1A
Synonyms	FCG1, FCGR1, IGFR1
Function	High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses. Mediates IgG effector functions on monocytes triggering antibody-dependent cellular cytotoxicity (ADCC) of virus-infected cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein Note=Stabilized at the cell membrane through interaction with FCER1G

Tissue Location	Monocyte/macrophage specific.

References

Allen J.M.,et al.Nucleic Acids Res. 16:11824-11824(1988).
Allen J.M.,et al.Science 243:378-381(1989).
Porges A.J.,et al.J. Clin. Invest. 90:2102-2109(1992).
Benech P.D.,et al.J. Exp. Med. 176:1115-1123(1992).
Gregory S.G.,et al.Nature 441:315-321(2006).

Images



WB Suggested Anti-FCGR1A Antibody Titration: 1.0 µg/ml
Positive Control: NCI-H226 Whole Cell.FCGR1A is strongly supported by BioGPS gene expression data to be expressed in NCI-H226

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.