

FCGR1B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9197B

Product Information

Application	WB, FC, IHC-P-Leica, E
Primary Accession	Q92637
Other Accession	A6NKC4 , P12314
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23915
Calculated MW	32232
Antigen Region	248-276

Additional Information

Other Names	High affinity immunoglobulin gamma Fc receptor IB, IgG Fc receptor IB, Fc-gamma RIB, FcRIB, hFcgammaRIB, FCGR1B, IGFRB
Target/Specificity	This FCGR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 248-276 amino acids from the C-terminal region of human FCGR1B.
Dilution	WB~~1:1000 FC~~1:10~50 IHC-P-Leica~~1:100 E~~Use at an assay dependent concentration.
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	FCGR1B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FCGR1BP (HGNC:3614)
Synonyms	FCGR1B, IGFRB
Function	May bind to the Fc region of immunoglobulins gamma with a low affinity compared to FCGR1A. May function in the humoral immune response.

Background

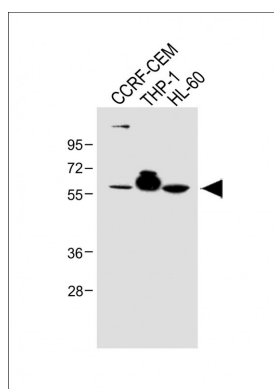
FCGR1B may bind to the Fc region of immunoglobulins gamma with a low affinity compared to FCGR1A. This protein may function in the humoral immune response.

References

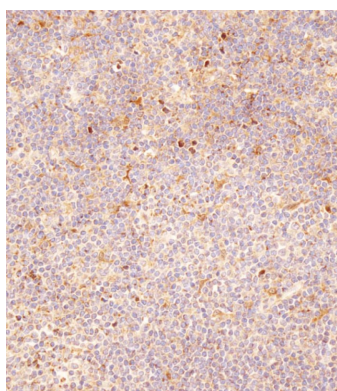
Thomas,G., et.al., Nat. Genet. 41 (5), 579-584 (2009)

Kuwano,Y., et.al., Arch. Dermatol. Res. 298 (10), 493-498 (2007)

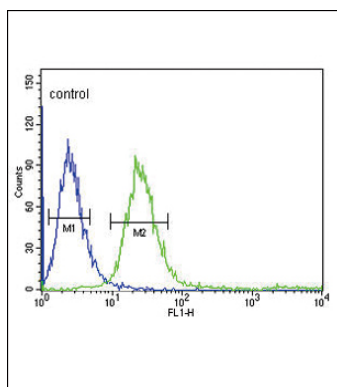
Images



All lanes : Anti-FCGR1B Antibody (C-term) at 1:500 dilution Lane 1: CCRF-CEM whole cell lysate Lane 2: THP-1 whole cell lysate Lane 3: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of AP9197b on paraffin-embedded human tonsil tissue was performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 15min at room temperature. Leica Bond Polymer Refine Detection was used as the secondary antibody.



FCGR1B Antibody (C-term) (Cat. #AP9197b) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.