

Product datasheet for **AP51641PU-N**

CD64 (FCGR1B) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100 - 1/500. Immunohistochemistry on paraffin sections: 1/50 - 1/100. Flow Cytometry: 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 251~280 amino acids from the C-terminal region of human FCGR1B
Specificity:	This antibody reacts to FCGR1B.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	32232 Da
Gene Name:	Fc fragment of IgG receptor Ib
Database Link:	Entrez Gene 2210 Human Q92637



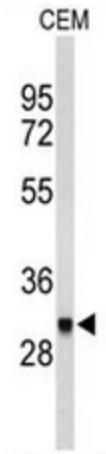
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Background: FCGR1B may bind to the Fc region of immunoglobulins gamma with a low affinity compared to FCGR1A. This protein may function in the humoral immune response.

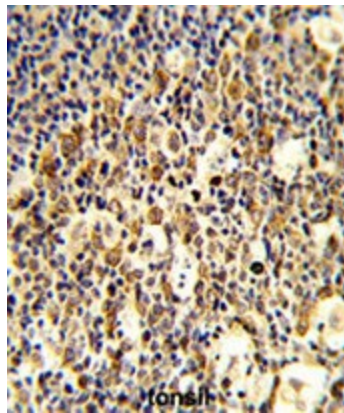
Synonyms: High affinity immunoglobulin gamma Fc receptor 1B, IGFRB, Fc-gamma R1B, FcR1B, hFcgammaR1B

Protein Families: Transmembrane

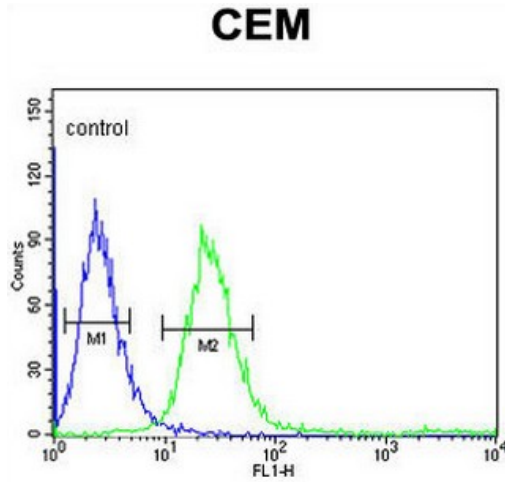
Product images:



Western blot analysis of FCGR1B Antibody (C-term) in CEM cell line lysates (35ug/lane). FCGR1B (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human tonsil reacted with FCGR1B Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



FCGR1B Antibody (C-term) 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.