10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# FCGR2B antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14975

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | P31994 |
| **Other Accession** | NM_001002273, NP_001002273 |
| **Reactivity** | Human |
| **Predicted** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 34044 |

## Additional Information

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|---|---|
| **Gene ID** | 2213 |
| **Alias Symbol** | CD32, CD32B, FCG2, FCGR2, IGFR2 |
| **Other Names** | Low affinity immunoglobulin gamma Fc region receptor II-b, IgG Fc receptor II-b, CDw32, Fc-gamma RII-b, Fc-gamma-RIIb, FcRII-b, CD32, FCGR2B, CD32, FCG2, IGFR2 |
| **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-FCGR2B 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** | FCGR2B antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | FCGR2B |
| **Synonyms** | CD32, FCG2, IGFR2 |
| **Function** | Receptor for the Fc region of complexed or aggregated immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells. Binding to this receptor results in down-modulation of previous state of cell activation triggered via antigen receptors on B-cells (BCR), T-cells (TCR) or via another Fc receptor. Isoform IIB1 fails to mediate endocytosis or phagocytosis. Isoform IIB2 does not |

trigger phagocytosis.

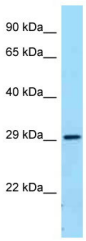
**Cellular Location** Cell membrane; Single-pass type I membrane protein

**Tissue Location** Is the most broadly distributed Fc-gamma-receptor. Expressed in monocyte, neutrophils, macrophages, basophils, eosinophils, Langerhans cells, B-cells, platelets cells and placenta (endothelial cells). Not detected in natural killer cells

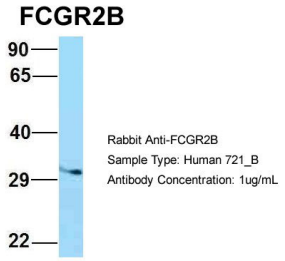
## References


Ng S.,et al.Submitted (JAN-1997) to the EMBL/GenBank/DDBJ databases.
Stuart S.G.,et al.EMBO J. 8:3657-3666(1989).
Brooks D.G.,et al.J. Exp. Med. 170:1369-1385(1989).
Engelhardt W.,et al.Eur. J. Immunol. 20:1367-1377(1990).
Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.


## Images




WB Suggested Anti-FCGR2B Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Lung




Host:Rabbit
Target Name:FCGR2B
Sample Tissue:721_B
Antibody Dilution: 1.0µg/mlFCGR2B is supported by BioGPS gene expression data to be expressed in 721_B


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