

Anti-CD32b Antibody
Rabbit polyclonal antibody to CD32b
Catalog # AP61036**Specification**

Anti-CD32b Antibody - Product Information

Application	WB
Primary Accession	P31994
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34044

Anti-CD32b Antibody - Additional Information**Gene ID** 2213**Other Names**

CD32; FCG2; IGFR2; 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

Target/Specificity

Recognizes endogenous levels of CD32b protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD32b Antibody - Protein Information**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

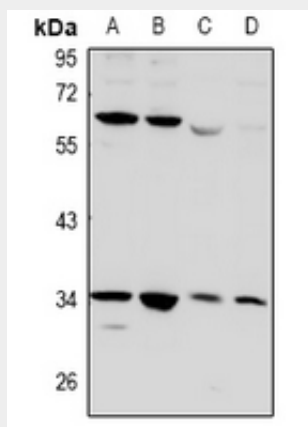
Tissue Location

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

Anti-CD32b Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD32b Antibody - Images

Western blot analysis of CD32b expression in PC12 (A), SP20 (B), THP1 (C), MCF7 (D) whole cell lysates.

Anti-CD32b Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD32b. The exact sequence is proprietary.