

**CD32b (pY292) Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51631****Specification**

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**CD32b (pY292) Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">P31994</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>40 KDa</b>

**CD32b (pY292) Antibody - Additional Information****Gene ID** 2213**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

**Dilution**WB~~1:1000  
E~~N/A**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

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

**CD32b (pY292) 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

**CD32b (pY292) 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](#)

**CD32b (pY292) Antibody - Images****CD32b (pY292) Antibody - Background**

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**CD32b (pY292) Antibody - 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.