

## Product datasheet for **AP55706PU-N**

### CD32B (FCGR2B) pTyr292 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:500~1:1000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 292 (I-T-Y(p)-S-L) derived from Human CD32 (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of CD32 only when phosphorylated at tyrosine 292.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	32 kDa
Gene Name:	Fc fragment of IgG receptor IIb
Database Link:	<a href="#">Entrez Gene 2213 Human P31994</a>



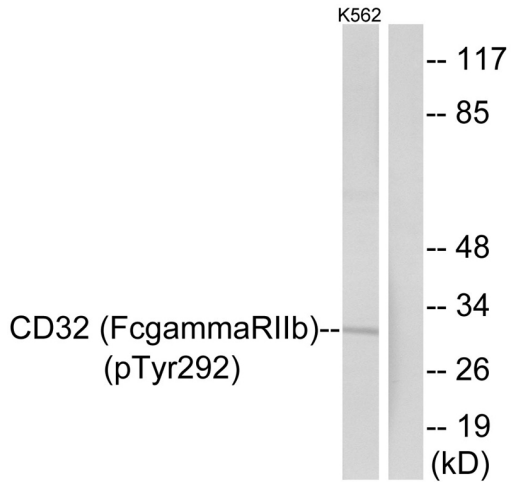
[View online »](#)

**Background:**

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.

**Synonyms:**

FCGR2B, FCG2, IGFR2, CDw32, Fc-gamma RII-b, Fc-gamma-RIIb, FcRII-b

**Product images:**


Western blot analysis of extracts from K562 cells treated with PMA using CD32 (Phospho-Tyr292) Antibody. The lane on the right is treated with the antigen-specific peptide.