

## **Product datasheet for AP55706PU-S**

## OriGene Technologies, Inc.

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## CD32B (FCGR2B) pTyr292 Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WE

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 Mg2+ and Ca2+), 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

Database Link: Entrez Gene 2213 Human

P31994

**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.

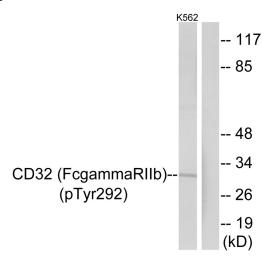




Synonyms:

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.