



CD32 (phospho Tyr292) Polyclonal Antibody

Catalog No	YP-Ab-13841
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	FCGR2B
Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-b
Immunogen	The antiserum was produced against synthesized peptide derived from human CD32 around the phosphorylation site of Tyr292. AA range:258-307
Specificity	Phospho-CD32 (Y292) Polyclonal Antibody detects endogenous levels of CD32 protein only when phosphorylated at Y292.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FCGR2B; 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; CD antigen CD32
Observed Band	32kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	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.
Function	immune response,
Background	The Fc fragment of IgG receptor IIb encoded by FCGR2B is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene.

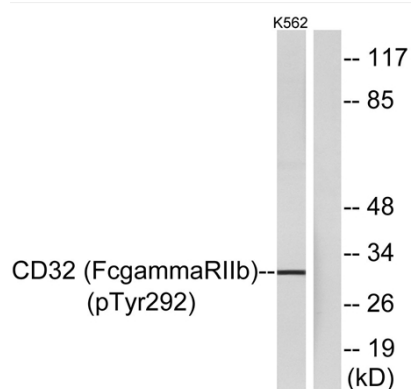
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells treated with PMA 125ng/ml 30', using CD32 (Phospho-Tyr292) Antibody. The lane on the right is blocked with the phospho peptide.