

CD32 (Phospho-Tyr292) Antibody

Catalog No: #11672

Package Size: #11672-1 50ul #11672-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

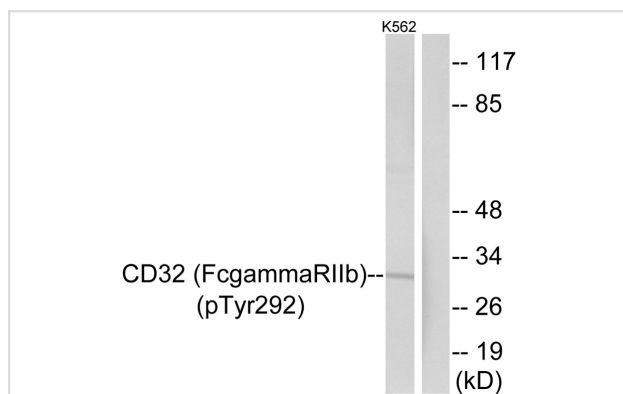
Description

Product Name	CD32 (Phospho-Tyr292) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of CD32 only when phosphorylated at tyrosine 292.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 292 (I-T-Y(p)-S-L) derived from Human CD32.
Target Name	CD32
Modification	Phospho
Other Names	CD32; FCG2; FCG2B.; LY-17; CDW32
Accession No.	Swiss-Prot#: P31994 ; NCBI Gene#: 2213; NCBI Protein#: NP_003992.3.
Uniprot	P31994
GeneID	2213;
SDS-PAGE MW	32kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from K562 cells treated with PMA using CD32 (Phospho-Tyr292) Antibody #11672. The lane on the right is treated with the antigen-specific peptide.

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.

Stuart S.G., EMBO J. 8:3657-3666(1989).

Brooks D.G., J. Exp. Med. 170:1369-1385(1989).

Engelhardt W., Eur. J. Immunol. 20:1367-1377(1990).

Note: This product is for in vitro research use only