

FCG2B (Phospho-Tyr292) Conjugated Antibody

Catalog No: #C11672



Package Size: #C11672-AF350 100ul #C11672-AF405 100ul #C11672-AF488 100ul
 #C11672-AF555 100ul #C11672-AF594 100ul #C11672-AF647 100ul
 #C11672-AF680 100ul #C11672-AF750 100ul #C11672-Biotin 100ul

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Description

Product Name	FCG2B (Phospho-Tyr292) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of FCG2B only when phosphorylated at tyrosine 292.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 292 (I-T-Y(p)-S-L) derived from Human FCG2B.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FCGR2B;CD32;CD32, FCG2, IGFR2;FcR1I-b;Fc-gamma-R1Ib;Fc-gamma R1I-b;CDw32;IgG Fc receptor II-b;Low affinity immunoglobulin gamma Fc region receptor II-b
Accession No.	Swiss-Prot#:P31994 NCBI Gene ID:2213NCBI mRNA#:NM_004001.4. NCBI Protein#:NP_003992.3.
Uniprot	P31994
GeneID	2213;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	32
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Product Description

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.

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.

Note: This product is for in vitro research use only