CD32 Conjugated Antibody

Catalog No: #C49456

Package Size: #C49456-AF350 100ul #C49456-AF405 100ul #C49456-AF488 100ul #C49456-AF555 100ul #C49456-AF594 100ul #C49456-AF647 100ul #C49456-AF680 100ul #C49456-AF750 100ul #C49456-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CD32 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD32 antibody CD32A antibody CD32B antibody CD32C antibody CDw32 antibody Fc fragment of IgG low affinity IIa receptor antibody Fc fragment of IgG low affinity IIa receptor for (CD32) antibody Fc fragment of IgG low affinity IIb receptor antibody Fc fragment of IgG low affinity IIb receptor for (CD32) antibody Fc fragment of IgG low affinity IIc receptor antibody Fc fragment of IgG low affinity IIc receptor for (CD32) antibody Fc fragment of IgG, low affinity II, receptor for (CD32) antibody Fc fragment of IgG, low affinity IIa, receptor (CD32) antibody Fc fragment of IgG, low affinity IIb, receptor (CD32) antibody Fc gamma receptor IIB antibody Fc gamma receptor IIC antibody Fc gamma RII a antibody Fc gamma RII b antibody Fc gamma RII c antibody Fc gamma RIIb antibody Fc gamma RIIc antibody Fc receptor, IgG, low affinity IIb antibody Fc-gamma RII-a antibody Fc-gamma RII-b antibody Fc-gamma RII-c antibody Fc-gamma-RIIa antibody FC-gamma-RIIB antibody Fc-GAMMA-RIIC antibody Fc[g]RII antibody FCG2 antibody FCG2A_HUMAN antibody FcGR antibody FCGR2 antibody FCGR2A antibody FCGR2A1 antibody FCGR2B antibody FCGR2C antibody Fcgr3 antibody Fcgr3a antibody FcgRII antibody Fcr-2 antibody Fcr-3 antibody FcRII a antibody FCRII antibody FcRII b antibody FcRII c antibody FcRII-a antibody FcRIIC antibody IGFR2 antibody IgG Fc receptor II a antibody IgG Fc receptor II b antibody IgG Fc receptor II beta antibody IgG Fc receptor II c antibody IgG Fc receptor II-a antibody IgG Fc receptor II-b antibody IgG Fc receptor II-c antibody Immunoglobulin G Fc receptor II antibody Immunoglobulin G Fc receptor II c antibody Low affinity immunoglobulin gamma Fc region receptor II antibody Low affinity immunoglobulin gamma Fc region receptor II-a antibody Low affinity immunoglobulin gamma Fc region receptor II-b antibody Low affinity immunoglobulin gamma Fc region receptor II-c antibody Ly-17 antibody Ly-m20 antibody LyM-1 antibody Lymphocyte antigen 17 antibody
Accession No.	Swiss-Prot#:P12318
Uniprot	P12318
GeneID	2212;
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	45 kDa
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

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

CD32 (also designated Fc gamma RII) is a low affinity receptor for the Fc fragment of aggregated IgG (1,2). CD32 is responsible for the clearance of immunocomplexes by macrophages and also plays an important role in the regulation of antibody production by B cells (1-4). IgG can noncooperatively bind either one or two highly glycosylated CD32 molecules, and this binding delivers a negative signal for B cells (1,2,5). CD32 exists as several isoforms that are produced by alternative splicing of three distinct genes, A, B, and C (2,6). These isoforms are designated FcgRIIA, FcgRIIB1, FcgRIIB3, and FcgRIIC (1,2,6). All isoforms are present on monocytes, placental trophoblasts and endothelial cells (1,6). In addition, the FcgRIIB forms are present on B lymphocytes, and the FcgRIIA and FcgRIIC forms are found on neutrophils (1,6).

Note: This product is for in vitro research use only