CD19 Conjugated Antibody

Catalog No: #C49388

Package Size: #C49388-AF350 100ul #C49388-AF405 100ul #C49388-AF488 100ul #C49388-AF555 100ul #C49388-AF594 100ul #C49388-AF647 100ul #C49388-AF680 100ul #C49388-AF750 100ul #C49388-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CD19 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	antibody deficiency due to defect in CD19, included antibody AW495831 antibody B lymphocyte antigen CD19 antibody B lymphocyte surface antigen B4 antibody B-lymphocyte antigen CD19 antibody B-lymphocyte surface antigen B4 antibody B4 antibody CD19 antibody CD19 antigen antibody CD19 molecule antibody Cd19 protein antibody CD19_HUMAN antibody CVID3 antibody Differentiation antigen CD19 antibody Leu 12 antibody Leu-12 antibody Leu12 antibody MGC109570 antibody MGC12802 antibody T-cell surface antigen Leu-12 antibody
Accession No.	Swiss-Prot#:P15391
Uniprot	P15391
GeneID	930;
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	75-100 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

CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is selectively expressed on the cell surface of B-lymphocytes, where it activates intracellular signaling cascades involving both Ras and phosphatidylinositol 3-kinase pathways. Activation of CD19 results in cross-linking of the membrane protein immunoglobulin chains and the subsequent association with Src family protein tyrosine kinases (PTK). Expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. CD19 forms functional complexes with B-lymphocyte surface proteins, including integrin b1, CD21 and CD81, which are involved in regulating B-cell development.

Note: This product is for in vitro research use only