

## CXCR5 Conjugated Antibody

Catalog No: #C49855



Package Size: #C49855-AF350 100ul #C49855-AF405 100ul #C49855-AF488 100ul  
 #C49855-AF555 100ul #C49855-AF594 100ul #C49855-AF647 100ul  
 #C49855-AF680 100ul #C49855-AF750 100ul #C49855-Biotin 100ul

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## Description

Product Name	CXCR5 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	FC
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BLR 1 antibody BLR1 antibody Burkitt lymphoma receptor 1 antibody Burkitt lymphoma receptor 1 GTP binding protein antibody Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5) antibody C X C chemokine receptor type 5 antibody C-X-C chemokine receptor type 5 antibody CD 185 antibody CD185 antibody CD185 antigen antibody Chemokine (C-X-C motif) receptor 5 antibody Chemokine C X C motif receptor 5 antibody Chemokine CXC motif receptor 5 antibody Chemokine receptor 5 antibody CXC chemokine receptor type 5 antibody CXC R5 antibody CXC-R5 antibody CXCR 5 antibody CXCR-5 antibody Cxcr5 antibody CXCR5_HUMAN antibody MDR 15 antibody MDR-15 antibody MDR15 antibody MGC117347 antibody Monocyte derived receptor 15 antibody Monocyte-derived receptor 15 antibody
Accession No.	Swiss-Prot#:P32302
Uniprot	P32302
GenID	643;
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	42 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

Burkitt's lymphoma receptor 1 (Blr1) is a lymphocyte specific chemokine receptor expressed at low levels in secondary lymphoid tissues and in defined structures of the cerebellum. The G-protein coupled receptor has significant homology to other chemokine receptors. Stimulation of Blr1 by its ligand, B-lymphocyte chemo-attractant (BLC) results in an influx of calcium into the cell and the chemotaxis of the cell. Blr1 is required for B-cell migration into splenic and Peyer's patch follicles. BLC expression in Peyer's patches is highest in germinal centers, where B cells undergo somatic mutation and affinity maturation.

Note: This product is for in vitro research use only