

MIRL Conjugated Monoclonal Antibody

Catalog No: #C42018



Package Size: #C42018-AF350 100ul #C42018-AF405 100ul #C42018-AF488 100ul
 #C42018-AF555 100ul #C42018-AF594 100ul #C42018-AF647 100ul
 #C42018-AF680 100ul #C42018-AF750 100ul #C42018-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	MIRL Conjugated Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Specificity	specific for Recombinant MIRL Protein denatured and native forms
Immunogen Description	Recombinant MIRL Protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD59; 1F5 antigen; 20 kDa homologous restriction factor; MAC-inhibitory protein; MEM43 antigen; Membrane attack complex inhibition factor; Membrane inhibitor of reactive lysis; Protectin; CD_antigen: CD59; CD59; MIC11, MIN1, MIN2, MIN3, MSK21; HRF-20; HRF20; MAC-IP; MACIF; MIRL
Accession No.	Swiss-Prot#:P13987
Uniprot	P13987
GeneID	966;
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	15
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

CD59, also named as MIC11, MIN1, MIN2, MIN3, MSK21, MIRL, MACIF, HRF20 and 1F5 antigen, is a cell surface molecule glycoprotein with MW 18-25kd. It acts as a determinant of proximal and distal cell identity. CD59 acts by binding to the C8 and/or C9 complements of the assembling membrane attack complex (MAC), thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. It is involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.

Note: This product is for in vitro research use only