MIRL Conjugated Antibody

Catalog No: #C32388

Package Size: #C32388-AF350 100ul #C32388-AF405 100ul #C32388-AF488 100ul #C32388-AF555 100ul #C32388-AF594 100ul #C32388-AF647 100ul #C32388-AF680 100ul #C32388-AF750 100ul #C32388-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MIRL Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total MIRL protein.
Immunogen Description	Recombinant protein of human MIRL.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD59;1F5;EJ16;EJ30;EL32;G344;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#:P13987NCBI Gene ID:966
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	19
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

Product Description

Antibodies were purified by affinity purification using immunogen.

Background

This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene.

Note: This product is for in vitro research use only