CD34 Conjugated Antibody

Catalog No: #C48740

Package Size: #C48740-AF350 100ul #C48740-AF405 100ul #C48740-AF488 100ul #C48740-AF555 100ul #C48740-AF594 100ul #C48740-AF647 100ul #C48740-AF680 100ul #C48740-AF750 100ul #C48740-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CD34 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4518
Species Reactivity	Hu, Ms, Rt, Dog
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD34 antibody CD34 antigen antibody CD34 molecule antibody CD34_HUMAN antibody Cluster designation 34 antibody Hematopoietic progenitor cell antigen CD34 antibody HPCA1 antibody Mucosialin antibody OTTHUMP00000034733 antibody OTTHUMP00000034734 antibody
Accession No.	Swiss-Prot#:P28906
Uniprot	P28906
GeneID	947;
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	120 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

CD34 is a heavily glycosylated, transmembrane glycoprotein that is expressed on the surface of lymphohematopoietic stem and progenitor cells, small-vessel endothelial cells, embryonic fibroblasts and some cells in fetal and adult nervous tissue. CD34 antigen expression is highest in the most primitive stem cells and is gradually lost as lineage committed progenitors differentiate. The CD34 antigen is also present on capillary endothelial cells and on bone marrow stromal cells. The CD34 cytoplasmic domain has an intracellular domain that contains consensus sites for activated protein kinase C (PKC) phosphorylation as well as serine, threonine and tyrosine phosphorylation consensus sites.

Note: This product is for in vitro research use only