ICAM-1 Conjugated Antibody

Catalog No: #C48266

Package Size: #C48266-AF350 100ul #C48266-AF405 100ul #C48266-AF488 100ul #C48266-AF555 100ul #C48266-AF594 100ul #C48266-AF647 100ul #C48266-AF680 100ul #C48266-AF750 100ul #C48266-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	ICAM-1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Antigen identified by monoclonal antibody BB2 antibody BB 2 antibody BB2 antibody CD 54 antibody CD_antigen=CD54 antibody CD54 antibody Cell surface glycoprotein P3.58 antibody Human rhinovirus receptor antibody ICAM 1 antibody ICAM-1 antibody ICAM1 antibody ICAM1_HUMAN antibody intercellular adhesion molecule 1 (CD54), human rhinovirus receptor antibody Intercellular adhesion molecule 1 antibody Major group rhinovirus receptor antibody MALA 2 antibody MALA2 antibody MyD 10 antibody MyD10 antibody P3.58 antibody Surface antigen of activated B cells, BB2 antibody
Accession No.	Swiss-Prot#:P05362
Uniprot	P05362
GeneID	3383;
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	89 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

Antigen-specific cell contacts in the immune system are strengthened by antigen-nonspecific interactions, mediated in part by lymphocyte-function associated (LFA) antigens. Recently, ICAM-1 (intercellular adhesion molecule-1) has been defined as a ligand for LFA-1. Monoclonal antibodies to ICAM-1 block T lymphocyte adhesion to fibroblasts and endothelial cells and disrupt the interaction between cytotoxic T cells and target cells. ICAM-1 is found on leukocytes, fibroblasts, epithelial cells and endothelial cells and its expression is regulated by inflammatory cytokines. The normal function of human ICAM-1 is to provide adhesion between endothelial cells and leukocytes after injury or stress. However, ICAM-1 is also used as a receptor by the major group of human rhinoviruses and is a catalyst for the subsequent viral uncoating during cell entry. Monoclonal antibodies recognize a 95 kDa cell surface glycoprotein the major human rhinovirus receptor, ICAM-1

Note: This product is for in vitro research use only