NCAM Conjugated Antibody

Catalog No: #C49357

Package Size: #C49357-AF350 100ul #C49357-AF405 100ul #C49357-AF488 100ul #C49357-AF555 100ul #C49357-AF594 100ul #C49357-AF647 100ul #C49357-AF680 100ul #C49357-AF750 100ul #C49357-Biotin 100ul

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

Description

Product Name	NCAM Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Zebrafish
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	antigen MSK39 identified by monoclonal antibody 5.1H11 antibody antigen recognized by monoclonal antibody 5.1H11 antibody CD56 antibody cell adhesion molecule, neural, 1 antibody MSK 39 antibody MSK39 antibody N-CAM-1 antibody NCAM 1 antibody NCAM antibody NCAM C antibody NCAM-1 antibody NCAM1 antibody NCAM1_HUMAN antibody NCAMC antibody Neural cell adhesion molecule 1 antibody Neural cell adhesion molecule NCAM antibody OTTHUMP00000235666 antibody
Accession No.	Swiss-Prot#:P13591
Uniprot	P13591
GeneID	4684;
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	100-150 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

Neural cell adhesion molecules (NCAMs) are a family of closely related cell surface glycoproteins involved in cell to cell interactions during growth and thought to play an important role in embryogenesis and development. The expression of these molecules is widespread in all three germ layers during embryogenesis, but is more restrictive in adult tissues. NCAM expression is observed in a variety of human tumors including neuroblastomas, rhabdo-myosarcomas, Wilms' tumor, Ewing's sarcoma and some primitive myeloid malignancies. Multiple isoforms of NCAM have been reported in both mouse and human brain tissue. In humans, NCAMs arise from differential splicing and use of alternative polyadenylation sites of a single gene mapping to 11q23.

Note: This product is for in vitro research use only