

## NCAM Conjugated Antibody

Catalog No: #C48137



Package Size: #C48137-AF350 100ul #C48137-AF405 100ul #C48137-AF488 100ul  
 #C48137-AF555 100ul #C48137-AF594 100ul #C48137-AF647 100ul  
 #C48137-AF680 100ul #C48137-AF750 100ul #C48137-Biotin 100ul

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## Description

|                     |  |
|---------------------|--|
| Product Name        | NCAM Conjugated Antibody   |
| Host Species        | Rabbit   |
| Clonality           | Polyclonal   |
| Species Reactivity  | Hu,Ms  |
| Conjugates          | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names         | MSK39;NCAM1 ;Neural cell adhesion molecule 1;N-CAM-1;NCAM-1;CD_antigen: CD56;NCAM;CD56   |
| Accession No.       | Swiss-Prot#:P13591   |
| Uniprot             | P13591   |
| GeneID              | 4684;  |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW       | 150kDa   |
| 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

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Neural Cell Adhesion Molecule (NCAM, also the cluster of differentiation CD56) is a homophilic binding glycoprotein expressed on the surface of neurons, glia, skeletal muscle and natural killer cells. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory. NCAM is a glycoprotein of Immunoglobulin (Ig) superfamily. The three main isoforms of NCAM vary only in their cytoplasmic domain: NCAM-120kDa (GPI anchored), NCAM-140kDa (short cytoplasmic domain) and NCAM-180kDa (long cytoplasmic domain).

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Note: This product is for in vitro research use only