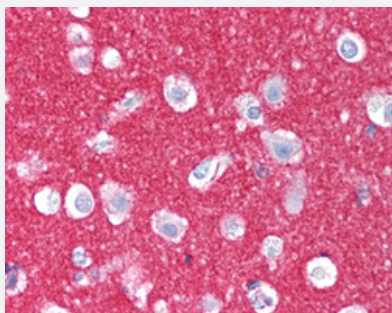


# NCAM1 monoclonal antibody, clone HCD56

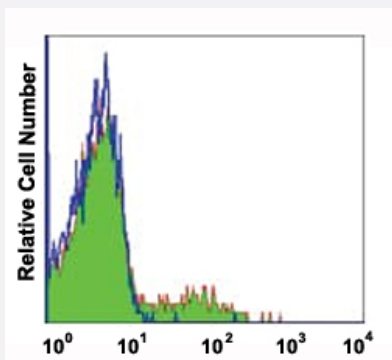
Catalog # MAB12531      Size 50 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human brain, cortex with NCAM1 monoclonal antibody, clone HCD56 (Cat # MAB12531) at 10 ug/mL working concentration.



### Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with NCAM1 monoclonal antibody, clone HCD56 (Cat # MAB12531) followed by FITC-conjugated anti-mouse IgG as the secondary antibody.

## Specification

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Product Description | Mouse monoclonal antibody raised against human NCAM1. |
| Immunogen           | Human NCAM1                                           |
| Host                | Mouse                                                 |
| Reactivity          | Human                                                 |
| Form                | Liquid                                                |
| Purification        | Affinity purification                                 |

|                     |                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype             | IgG1                                                                                                                                                                    |
| Recommend Usage     | Flow Cytometry<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (0.09% sodium azide).                                                                                                                                    |
| Storage Instruction | Store at 4°C. Do not freeze.                                                                                                                                            |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                  |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human brain, cortex with NCAM1 monoclonal antibody, clone HCD56 (Cat # MAB12531) at 10 ug/mL working concentration.

- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with NCAM1 monoclonal antibody, clone HCD56 (Cat # MAB12531) followed by FITC-conjugated anti-mouse IgG as the secondary antibody.

## Gene Info — NCAM1

|                    |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">4684</a>                                                                 |
| Gene Name          | NCAM1                                                                                |
| Gene Alias         | CD56, MSK39, NCAM                                                                    |
| Gene Description   | neural cell adhesion molecule 1                                                      |
| Omim ID            | <a href="#">116930</a>                                                               |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                            |
| Gene Summary       | NCAM                                                                                 |
| Other Designations | antigen recognized by monoclonal antibody 5.1H11 neural cell adhesion molecule, NCAM |

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Prion diseases](#)

## Disease

- [Alcoholism](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Inhibition \(Psychology\)](#)
- [Mental Disorders](#)
- [Opioid-Related Disorders](#)
- [Schizophrenia](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)