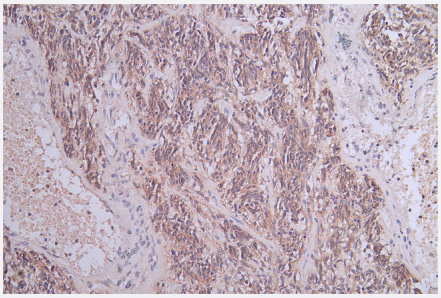
RecomAb™ Sm Size

# NCAM1 recombinant monoclonal antibody, clone 13F2

Catalog # RAB08459 Size 50 uL

## Applications



### Immunohistochemistry

Immunohistochemistry image of NCAM1 recombinant monoclonal antibody, clone 13F2 diluted at 1:100 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond™ system.

### Western Blot

Western Blot analysis of
Lane 1: SY5Y whole cell lysate.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human NCAM1. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic peptide corresponding to human NCAM1. |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Preparation Method** | Mammalian cell (HEK293) expression system |

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| | |
|---|---|
| **Purification** | Affinity chromatography purification |
| **Isotype** | IgG |
| **Recommend Usage** | ELISA<br>Immunohistochemistry(1:50-1:200)<br>Western Blot(1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol) |
| **Storage Instruction** | Store at -20°C or -80°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry

  Immunohistochemistry image of NCAM1 recombinant monoclonal antibody, clone 13F2 diluted at 1:100 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western Blot analysis of
  Lane 1: SY5Y whole cell lysate.

## Gene Info — NCAM1

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|---|---|
| **Entrez GeneID** | 4684 |
| **Protein Accession#** | P13591 |
| **Gene Name** | NCAM1 |
| **Gene Alias** | CD56, MSK39, NCAM |
| **Gene Description** | neural cell adhesion molecule 1 |
| **Omim ID** | 116930 |
| **Gene Ontology** | Hyperlink |

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| | |
|---|---|
| **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

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