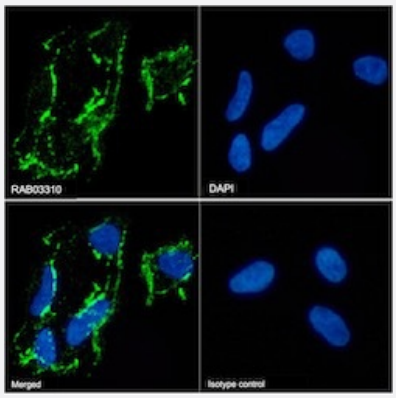
RecomAb™

NCAM1 recombinant monoclonal antibody, clone NCAM12.19

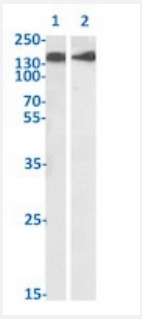
Catalog # RAB03310 Size 200 ug

Applications



Immunofluorescence

Immunofluorescence staining of Kelly cells with NCAM1 recombinant monoclonal antibody, clone NCAM12.19 (Cat # RAB03310).
Kelly cells stained with the chimeric mouse IgG version of RAB03310 at 10 ug/ml followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom .RAB03310- DAPI- merged channels and an isotype control. The isotype control was stained with anti-unknown antibody (.1) followed by Alexa Fluor® 488 secondary antibody.



Western Blot

Western blot anaysis of Lane 1: human brain cerebellum lysate and Lane 2: human cerebral cortex lysate with NCAM1 recombinant monoclonal antibody, clone NCAM12.19 (Cat # RAB03310).

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human NCAM1.
Antibody Species	Mouse
Immunogen	Original antibody is raised against recombinant protein corresponding to human NCAM.
Reactivity	Human
Form	Liquid

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Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG1 kappa
Recommend Usage	ELISA Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)
Storage Instruction	Store at 4°C for 3 months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

  Immunofluorescence staining of Kelly cells with NCAM1 recombinant monoclonal antibody, clone NCAM12.19 (Cat # RAB03310).
  Kelly cells stained with the chimeric mouse IgG version of RAB03310 at 10 ug/ml followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom .RAB03310- DAPI- merged channels and an isotype control. The isotype control was stained with anti-unknown antibody (.1) followed by Alexa Fluor® 488 secondary antibody.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western blot anaysis of Lane 1: human brain cerebellum lysate and Lane 2: human cerebral cortex lysate with NCAM1 recombinant monoclonal antibody, clone NCAM12.19 (Cat # RAB03310).

Gene Info — NCAM1

Entrez GeneID	4684
Gene Name	NCAM1
Gene Alias	CD56, MSK39, NCAM
Gene Description	neural cell adhesion molecule 1
Omim ID	116930
Gene Ontology	Hyperlink
Gene Summary	NCAM

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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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