

RecomAb™

NRCAM recombinant monoclonal antibody, clone R08-8J3

Catalog # RAB06419 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NRCAM.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human NRCAM.
Theoretical MW (kDa)	Calculated MW: 144 k
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

- Immunofluorescence
- Flow Cytometry

Gene Info — NRCAM

Entrez GeneID [4897](#)

Protein Accession# [Q92823](#)

Gene Name NRCAM

Gene Alias KIAA0343, MGC138845, MGC138846

Gene Description neuronal cell adhesion molecule

Omim ID [601581](#)

Gene Ontology [Hyperlink](#)

Gene Summary Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. This gene encodes a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. This ankyrin-binding protein is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. This gene is also expressed in non-neural tissues and may play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Allelic variants of this gene have been associated with autism and addiction vulnerability. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations NgCAM-related cell adhesion molecule|NrCAM-|bravo

Pathway

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

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cognition](#)

- [Genetic Predisposition to Disease](#)
- [Learning](#)
- [Learning Disorders](#)
- [Mental Disorders](#)
- [NARP](#)
- [Obsessive-Compulsive Disorder](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)