

**ARG23976**  
**anti-NrCAM antibody [S364-51]**Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [S364-51] recognizes NrCAM
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	S364-51
Isotype	IgG2a
Target Name	NrCAM
Species	Mouse
Immunogen	Fusion protein corresponding to aa. 30-845 (extracellular domain) of Mouse NrCAM.
Conjugation	Un-conjugated
Alternate Names	Nr-CAM; Ng-CAM-related; hBravo; Neuronal surface protein Bravo; Neuronal cell adhesion molecule; NgCAM-related cell adhesion molecule

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 145 kDa	

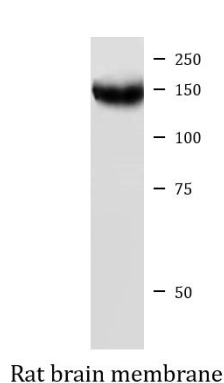
### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.1% Sodium azide and 50% Glycerol.
Preservative	0.1% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	NRCAM
Gene Full Name	neuronal cell adhesion molecule
Background	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, Jul 2008]
Function	Cell adhesion, ankyrin-binding protein involved in neuron-neuron adhesion. May play a role in the molecular assembly of the nodes of Ranvier (By similarity). [UniProt]
Calculated Mw	144 kDa
Cellular Localization	Cell membrane; Single-pass type I membrane protein. Cell projection, axon. Secreted. Note=Detected at nodes of Ranvier. [UniProt]

## Images



ARG23976 anti-NrCAM antibody [S364-51] WB image

Western blot: 10 µg of Rat brain membrane lysate stained with ARG23976 anti-NrCAM antibody [S364-51] at 1:1000 dilution, for 1 hour at RT.