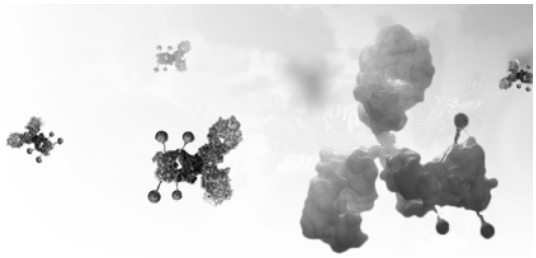

Mouse Anti Rat NCAM Hybridoma [6C9] (CSC-H1902)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This hybridoma produces mAbs (IgG1, kappa light chain) against rat NCAM
Target	NCAM
Immunogen	Rat NCAM
Isotype	IgG1, kappa light chain
Species	Rat
Clone	6C9
Application	, IP, IHC,
Application Notes	IP; WB; IHC
Storage	Liquid nitrogen vapor phase.
Ship	Dry Ice
Immunological Donor	Female balb/c Mouse spleen
Cell Line Description	The hybridoma produces monoclonal antibody against rat NCAM
Myeloma	Mouse NS1
Fusion Species	Mouse X Mouse Hybridoma
Mycoplasma	Mycoplasma Status: Negative (MycoAlert Kit)
Reactivity	rat, mouse

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Safety Considerations	The following safety precautions should be observed. 1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum. 2. No eating, drinking or smoking while handling the hybridoma. 3. Wash hands after handling the hybridoma and before leaving the lab. 4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma. 5. All waste should be considered hazardous. 6. Dispose of all liquid waste after each experiment and treat with bleach.

GENE INFORMATION

Gene Name	Ncam1 neural cell adhesion molecule 1 [Rattus norvegicus]
Official Symbol	Ncam1
Synonyms	Ncam1; neural cell adhesion molecule 1; Cd56; N-CAM; N-CAM-1; NCAM-1; NCAM-C; NCAMC; Ncam
Entrez Gene ID	24586
mRNA Refseq	NM_031521.1
Protein Refseq	NP_113709.1
UniProt ID	P13596
Chromosome Location	8q23
Pathway	Axon guidance; Cell adhesion molecules (CAMs); Developmental Biology; L1CAM interactions; NCAM signaling for neurite out-growth; NCAM1 interactions; Prion diseases; Signal transduction by L1
Function	LRR domain binding; cytoskeletal protein binding; fibroblast growth factor receptor binding; heparin binding; phosphatase binding; protein binding
References	1. Dodd, J., Morton, S.B., Karagogeos, D., Yamamoto, M., and Jessell, T.M. (1988). Spatial regulation of axonal glycoprotein expression on subsets of embryonic spinal neurons. Neuron 1, 105-116. 2. Wheeler, E.F., and Bothwell, M. (1992). Spatiotemporal patterns of expression of NGF and the low-affinity NGF receptor in rat embryos suggest functional roles in tissue morphogenesis and myogenesis. J. Neurosci. 12(3), 930-945.

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