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Datasheet

Date : 2016/4/11

Catalog Number	GTX19782 Package:100 µg ★★★★☆ (1) Reference (3)
Product Name	NCAM antibody [H28-123]
Full Name	neural cell adhesion molecule 1
Synonyms	CD56, NCAM-140, NCAM-1, NCAM-180, 116930, NCAM, NCAM140, NCAM-120, NCAM180, 17967, E-NCAM, MSK39, NCAM120, P13591, 4684, Ncam1, ENCAM, NCAM 1, E NCAM, NCAM 140, NCAM 180, NCAM 120
Product Description	Rat monoclonal [H28-123] to NCAM
Specificity	Recognizes at the neural cell surface a triplet of glycoproteins neural BSP2, which is identical to NCAM.
Background	This antibody binds to neurons and astrocytes in vivo.
Host	Rat
Clonality	Monoclonal
Clone Name	H28-123
Isotype	IgG2a
Target	NCAM
Immunogen	Glycoprotein fraction from neonatal mouse brain.
Antigen Species	Mouse
Species Reactivity	Mouse
Applications	Apuri, IHC, IHC-F, IHC-Fr, IM, WB
Application Note	AP: Use at an assay dependent dilution. IHC-Fr: 1/100 - 1/200. IM: 1/100. WB: 1/100 - 1/200. Recognizes at the neural cell surface a triplet of glycoproteins neural BSP2, which is identical to NCAM. The molecular weights of the recognized antigens are 180, 140, and 120kDa. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.
Cellular Localization	Type I membrane protein
Form Supplied	Liquid
Purification Note	Ion exchange chromatography.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration)
Storage Buffer	Preservative: None. Constituents: PBS, 1mg/ml BSA
Storage Instruction	Keep as concentrated solution. Store at 4°C short term. For extended storage aliquot and store at -20°C or below. Avoid freeze-thaw cycles.
Notes	For *In vitro* laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
ResearchArea	Immunology > CD marker Immunology > Hematopoietic stem cell Signal Transduction > ECM/Cytoskeleton > Cell Adhesion

Application Reference

1. Yang Z (2013) *Development* 1774-84
2. Hitt B (2012) *J Biol Chem* 38408-25
3. Punga AR (2011) *Exp Neurol* 207-17