

Datasheet for ABIN2689340
anti-CD56 antibody



[Go to Product page](#)

12 Publications

Overview

Quantity:	0.2 mg
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), ELISA, Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Functional Studies (Func)

Product Details

Brand:	BD Pharmingen™
Clone:	NCAM16-2
Isotype:	IgG2b kappa
Characteristics:	Anti-N-CAM-16 monoclonal antibody (clone NCAM16.2) CAMFolio™ recognizes the third extracellular immunoglobulin-like domain common to three molecular weight forms (120-, 140-, and 180-kD) of the neural cell adhesion molecule (N-CAM). The N-CAM glycoprotein is expressed on many different cell and tissue types including natural killer (NK) lymphocytes, a subset of T lymphocytes and interleukin-2 (IL-2)-activated thymocytes, and neural, neuroendocrine, and degenerating of diseased muscle tissue. BD Pharmingen™ Purified Mouse Anti-Human CD56 - Purified - Clone NCAM16.2 (also known as NCAM 16) - Isotype Mouse IgG2b, κ - Reactivity Hu - 0.2 mg
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity

Product Details

chromatography.

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	CD56 (NCAM1 Products)
Background:	Synonyms: N-CAM

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Aqueous buffered solution containing ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store undiluted at 4°C.

Publications

Product cited in:	Zocchi, Vidal, Poggi: "Involvement of CD56/N-CAM molecule in the adhesion of human solid tumor cell lines to endothelial cells." in: Experimental cell research, Vol. 204, Issue 1, pp. 130-5, (1993) (PubMed). Birdsall, Lane, Ramser, Anderson: "Induction of VCAM-1 and ICAM-1 on human neural cells and mechanisms of mononuclear leukocyte adherence." in: Journal of immunology (Baltimore, Md. : 1950), Vol. 148, Issue 9, pp. 2717-23, (1992) (PubMed). Doherty, Ashton, Moore, Walsh: "Morphoregulatory activities of NCAM and N-cadherin can be accounted for by G protein-dependent activation of L- and N-type neuronal Ca2+ channels." in:
-------------------	--

Cell, Vol. 67, Issue 1, pp. 21-33, (1991) ([PubMed](#)).

Jin, Hemperly, Lloyd: "Expression of neural cell adhesion molecule in normal and neoplastic human neuroendocrine tissues." in: **The American journal of pathology**, Vol. 138, Issue 4, pp. 961-9, (1991) ([PubMed](#)).

Lanier, Chang, Azuma, Ruitenberg, Hemperly, Phillips: "Molecular and functional analysis of human natural killer cell-associated neural cell adhesion molecule (N-CAM/CD56)." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 146, Issue 12, pp. 4421-6, (1991) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)