

Datasheet for ABIN7116789 **anti-CD56 antibody**

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Overview

Quantity:	100 µg
Target:	CD56 (NCAM1)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	neural cell adhesion molecule 1
Clone:	0D10
Isotype:	IgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	NCAM1/CD56 (NCAM1 Products)
Background:	Synonyms:CD56, MSK39, N CAM 1, NCAM, NCAM 1, NCAM1 Background:Neural cell adhesion molecule 1(NCAM1, also known as CD56) is a cell adhesion glycoprotein of the

Target Details

immunoglobulin(Ig) superfamily. It is a multifunction protein involved in synaptic plasticity, neurodevelopment, and neurogenesis. NCAM1 is expressed on human neurones, glial cells, skeletal muscle cells, NK cells and a subset of T cells, and the expression is observed in a wide variety human tumors, including myeloma, myeloid leukemia, neuroendocrine tumors, Wilms' tumor, neuroblastoma, and NK/T cell lymphomas. Three major isoforms of NCAM1, with molecular masses of 120, 140, and 180 kDa, are generated by alternative splicing of mRNA(PMID: 9696812). The glycosylphosphatidylinositol(GPI)-anchored NCAM120 and the transmembrane NCAM140 and NCAM180 consist of five Ig-like domains and two fibronectin-type III repeats(FNIII). All three forms can be posttranslationally modified by addition of polysialic acid(PSA)(PMID: 14976519). Several other isoforms have also been described(PMID: 1856291).

Molecular Weight: 140 kDa

UniProt: [P13591](#)

Application Details

Application Notes: WB: 1:1000-1:10000, IHC: 1:200-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months