

Datasheet for ABIN7540447
anti-CD56 antibody (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Purpose:	Anti-Hu CD56 Biotin
Immunogen:	Cell line KG1a
Clone:	LT56
Isotype:	IgG2a kappa
Specificity:	The mouse monoclonal antibody LT56 recognizes an extracellular epitope of CD56 (NCAM), a transmembrane glycoprotein expressed ubiquitously in the nervous system and found also on T cells and NK cells.
Purification:	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.

Target Details

Target:	CD56 (NCAM1)
---------	--------------

Target Details

Alternative Name:	CD56 (NCAM1 Products)
Background:	NCBI Full Gene Name: neural cell adhesion molecule 1 Description: CD56 (NCAM, neural cell adhesion molecule) is a transmembrane glycoprotein of immunoglobulin family serving as adhesive molecule which is ubiquitously expressed in nervous system, usually as 120 kDa, 140 kDa or 180 kDa isoform, and it is also found on T cells and NK cells. Polysialic modification results in reduction of CD56-mediated cell adhesion and is involved in cell migration, axonal growth, pathfinding and synaptic plasticity. CD56 is a widely used neuroendocrine marker with a high sensitivity for neuroendocrine tumours and ovarian granulosa cell tumours. Other names: NCAM1, MSK39 Gene name: NCAM1
Gene ID:	4684
UniProt:	P13591

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL. Western blotting: Non-reducing conditions.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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 at 2-8°C. Do not freeze.