

Datasheet for ABIN2743168 **anti-CD56 antibody**



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Overview

Quantity:	100 µg
Target:	CD56 (NCAM1)
Reactivity:	Human, Rat, Zebrafish (Danio rerio)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Immunogen:	A membrane preparation of a small cell lung carcinoma.
	Type of Immunogen: Membrane preparation
Clone:	123C3-D5
Isotype:	IgG1 kappa
Specificity:	Human NCAM / CD56
Purification:	Protein G purified

Target Details

Target:	CD56 (NCAM1)
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Target Details

Alternative Name:	NCAM / CD56 (NCAM1 Products)
Background:	Name/Gene ID: NCAM1 Family: Immunoglobulin Synonyms: NCAM1, CD56, CD56 antigen, MSK39, NCAM-1, N-CAM-1, NCAM
Gene ID:	4684

Application Details

Application Notes:	Approved: ELISA, Flo (0.5 - 1 µg/10 x10 ⁶), IF (1 - 2 µg/mL), IHC, IHC-P (0.5 - 1 µg/mL), IP, WB (0.5 - 1 µg/mL) Usage: This antibody reacts with an extracellular domain (close to transmembrane) of NCAM (Neural cell adhesion molecule), also called CD56. Three isoforms of NCAM / CD56 are produced by differential splicing of the RNA transcript from a single gene. The 135 kDa isoform is the basic molecule, which is glycosylated or sialylated to produce the mature species. NCAM antibody recognizes two proteins of the neural cell adhesion molecule, the basic molecule expressed on most neuroectodermally derived tissues and neoplasms (e.g. retinoblastoma, medulloblastomas, astrocytomas, neuroblastomas, and small cell carcinomas). It is also expressed on some mesodermally derived tumors (rhabdomyosarcoma). NCAM antibody plays an important role in the diagnosis of nodal and nasal NK/T-cell lymphomas. ELISA: Order BSA-free format for coating.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 mg/mL BSA, 0.05 % 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

Handling

Storage Comment: Store at 2°C to 8°C.