

Datasheet for ABIN317087 **anti-CD56 antibody**



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1 Image

Overview

Quantity:	0.1 mg
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Small cell lung carcinoma
Clone:	123C3
Isotype:	IgG1
Specificity:	This antibody recognizes Human Neural Cell Adhesion Molecule (NCAM), otherwise known as CD56. Antibodies produced by clone 123C3 recognize the 140 and 180 kDa isoforms of the CD56 protein.
Characteristics:	Synonyms: NCAM-1, N-CAM-1, NCAM, Neural cell adhesion molecule 1
Purification:	Purified IgG prepared by affinity chromatography on Protein G

Target Details

Target:	CD56 (NCAM1)
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Target Details

Alternative Name:	CD56 (NCAM1 Products)
Background:	The CD56 Molecule is a cell surface glycoprotein which is expressed on neuroendocrine cells, natural killer cells and a subset of T cells in the peripheral blood. Three main isoforms of CD56 exist. Neurons express the largest 180kD form, while haemopoietic cells express the 140kD isoform. In neuronal tissues, CD56 mediates homophilic and heterophilic adhesion and is implicated in neural development. Studies suggest that CD56 is also expressed on thyroid follicular epithelium and may play a role in autoimmune disease of the thyroid. CD56 is expressed in a range of tumours including tumours of the lung, neural derived malignancies and natural killer cell lymphomas. Synonyms: N-CAM-1, NCAM, NCAM-1, Neural cell adhesion molecule 1
Gene ID:	4684
UniProt:	P13591

Application Details

Application Notes:	Flow Cytometry: 1/25 - 1/50. Immunohistochemistry on frozen and paraffin sections. ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

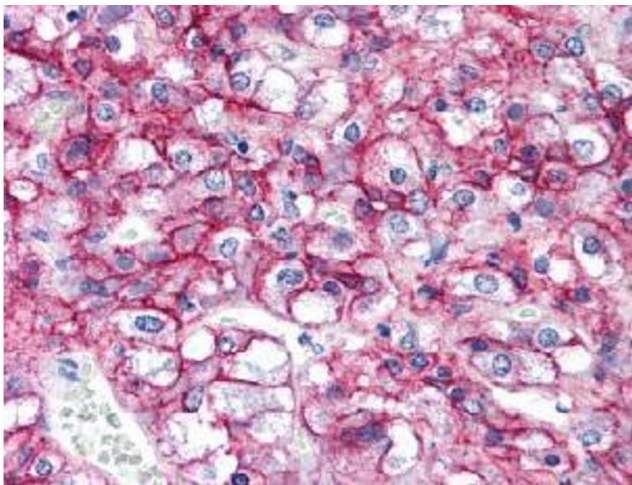
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, 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/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. Caution: (A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by

Handling

Expiry Date: 12 months

Images



Immunohistochemistry

Image 1.