

Datasheet for ABIN7449431

Recombinant anti-CD56 antibody (AA 20-318)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD56 (NCAM1)
Binding Specificity:	AA 20-318
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Rabbit anti-NCAM-1/CD56 Recombinant Monoclonal Antibody [BLR152J]
Immunogen:	residues 20-318 (ECD)
Clone:	BLR152J
Isotype:	IgG

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	NCAM-1/CD56 (NCAM1 Products)
Background:	Background: NCAM1, is a cell adhesion protein of the immunoglobulin superfamily that is

Target Details

involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. It plays a role in the development of the nervous system by regulating neurogenesis, neurite outgrowth, and cell migration. NCAM1 is also involved in the expansion of T lymphocytes, B lymphocytes and natural killer (NK) cells which play an important role in immune surveillance. One prominent isoform NCAM1, known as cell surface molecule CD56, plays a role in several myeloproliferative disorders such as acute myeloid leukemia and differential expression of this gene is associated with differential disease progression. For example, increased expression of CD56 is correlated with lower survival in acute myeloid leukemia patients. [taken from NCBI Entrez Gene (Gene ID: 4684)].

Gene ID: 4684

NCBI Accession: [NP_000606](#)

UniProt: [P13591](#)

Application Details

Application Notes: IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.
WB: 01:01,00

Restrictions: For Research Use only

Handling

Concentration: 100 µg/mL

Buffer: Phosphate Buffered Saline (PBS) containing 0.2 % BSA and 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

Expiry Date: 12 months