

Datasheet for ABIN7543161

Recombinant anti-CD56 antibody



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Overview

Quantity:	200 µg
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This CD56 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-CD56 [N901], Rabbit IgG, kappa
Immunogen:	The original antibody was generated by immunizing mice with human chronic myelogenous leukemia (CML) cells.
Clone:	N901
Isotype:	IgG kappa
Specificity:	This antibody binds CD56, present on large granular lymphocytes including natural killer cells. This antibody does not react with monocytes, granulocytes, B cells, erythrocytes, or platelets.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1
Purification:	Protein A affinity purified

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	CD56 (NCAM1 Products)
Background:	NCAM1, NCAM, NCAM-1, Neural cell adhesion molecule 1
UniProt:	P13591

Application Details

Application Notes:	This antibody does not block the natural killer cell activity and can be used to rapidly purify functional NK cells (PMID:6574190). This antibody was able to precipitate a band at approx. 200-250 kdalton protein in a immunoprecipitation assay. This antibody successfully blocked the binding of anti-NKH1A antibody in an indirect immunofluorescence assay (PMID:3884668). This antibody is also recommended to be used in the study of cell surface antigens of the natural cells (PMID: 3875369). Conjugate of DC1 with murine and humanised versions of N901 was found to be potent and effective in selective killing of target cells in culture (PMID: 7545085). This antibody can also be used for the separation of natural killer cells in a flow cytometry (PMID: 15985539).
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.