

Datasheet for ABIN7072597

Recombinant anti-CD56 antibody



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2 Images

Overview

Quantity:	200 µg
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Purpose:	Anti-CD56 [NCAM12.19], Mouse IgG1, kappa
Immunogen:	This antibody was raised against human NCAM/CD56
Clone:	NCAM12-19
Isotype:	IgG1 kappa
Specificity:	This antibody is specific for human CD56, which is expressed on NK cells, as well as in the brain and at neuromuscular junctions.
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:	Ncam, NCAM1, HCD56, NKH-1, Neural Cell Adhesion Molecule, Leu-19, NKH1
UniProt:	P13591

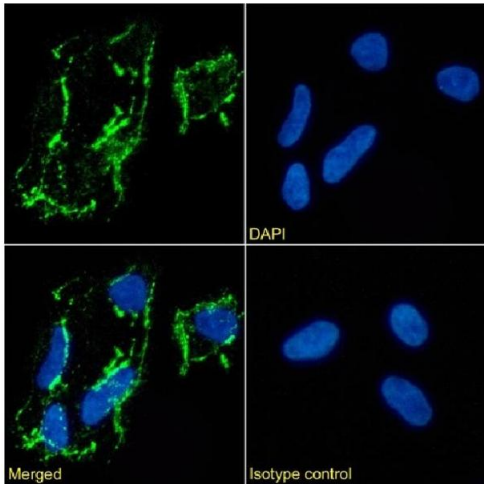
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of Kelly cells using anti-CD56. NCAM12.19 Immunofluorescence analysis of paraformaldehyde fixed Kelly cells stained with the chimeric mouse IgG version of NCAM12.19 (ABIN7072597) at 10 µg/mL followed by Alexa Fluor® 488 secondary antibody (2 µg/mL), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072536, DAPI, merged channels and an isotype control. The isotype control was stained with anti-unknown antibody (ABIN5668079) followed by Alexa Fluor® 488



secondary antibody.

Western Blotting

Image 2. Western Blot using anti-CD56 antibody NCAM12.19. human brain cerebellum(A) and cerebral cortex(B) tissue lysate (35 µg protein in RIPA buffer) was resolved on an SDS PAGE gel and blots probed with the chimeric mouse IgG version of NCAM12.19 (ABIN7072597) at 0.03 µg/mL before detection using an anti-mouse secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.