Recombinant NCAM1/CD56 Monoclonal Antibody

Description

This Recombinant NCAM1/CD56 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA1325
Contents:	Recombinant NCAM1/CD56 Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C131325
Applications:	WB, FCM, IP
Reactivity:	Human, Mouse, Rat

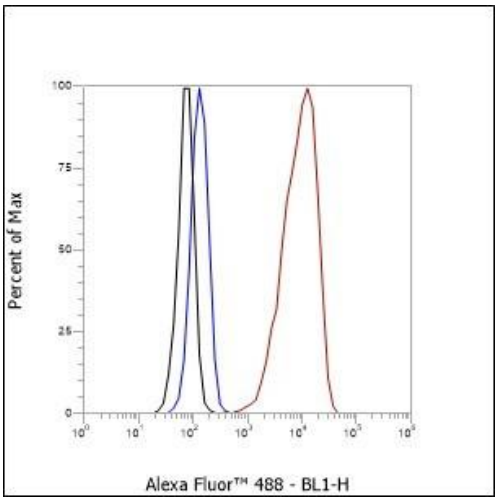
Antibody Data

Uniprot ID:	P13591
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

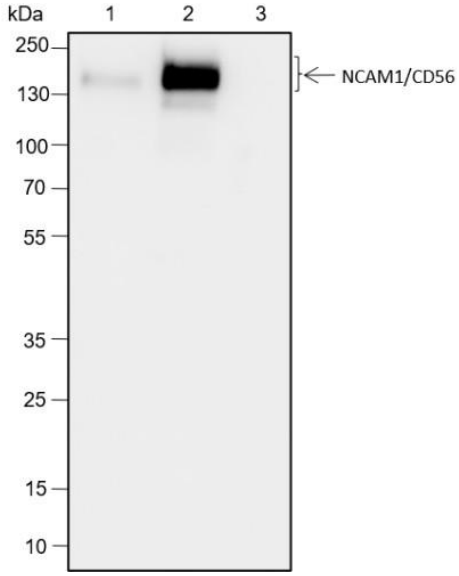
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	WB 1:500-1:2000, FCM 1:50-1:100, IP 1:50-1:100
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

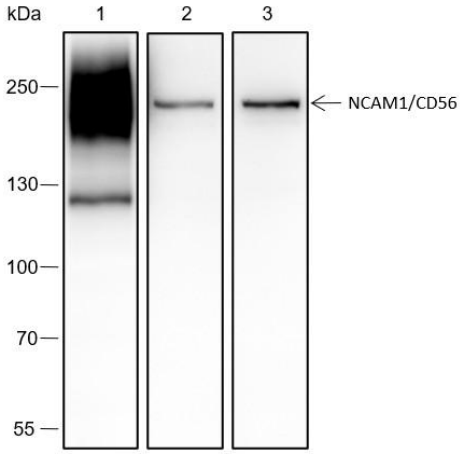
Validation Data



Flow cytometric analysis of human NCAM1/CD56 expression on SH-SY5Y cells. Cells were stained with purified anti-Human NCAM1/CD56, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using anti-NCAM1/CD56 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using NCAM1/CD56 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: NCAM1/CD56 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype Observed-MW:140-180 kDa Calculated-MW:95 kDa



Western Blot with NCAM1/CD56 Monoclonal Antibody at dilution of 1:2000. Lane 1: SH-SY5Y, Lane 2: Mouse cerebellum, Lane 3: Rat cerebellum Observed-MW:140-180 kDa Calculated-MW:95 kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.