

Product Datasheet

Anti-CD56 [NCAM12.19] (orb758889)

Catalog Number	orb758889
Category	Antibodies
Description	Rabbit monoclonal antibody to CD56
Target	CD56
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG
Conjugation	Unconjugated
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	This antibody was raised against human NCAM/CD56
UniProt ID	P13591
Tested applications	ELISA, IF, WB
Specificity	This antibody is specific for human CD56, which is expressed on NK cells, as well as in the brain and at neuromuscular junctions.
Clone Number	NCAM12.19

Biorbyt Ltd.

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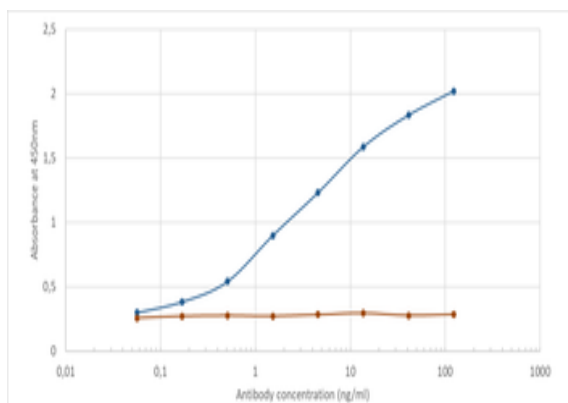
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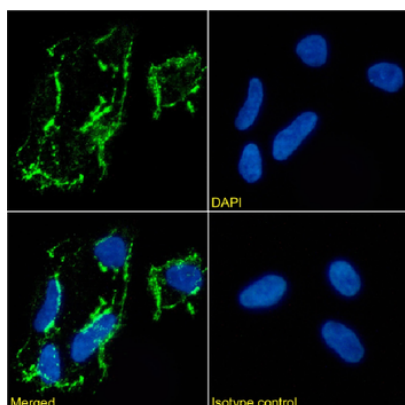
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Binding curve of anti-CD56 antibody NCAM12.19 (orb758889) to recombinant human NCAM1 Fc-Fusion Protein. ELISA Plate coated with recombinant human NCAM1 Fc-Fusion Protein at a concentration of 5 µg/ml. A 3-fold serial dilution from 10000 ng/ml was performed using orb758889. For detection, a 1:4000 dilution of HRP-labelled anti-rabbit antibody was used.



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 (orb758888) 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 orb669758, DAPI, merged channels and an isotype control. The isotype control was stained with anti-unknown antibody (orb256449) followed by Alexa Fluor® 488 secondary antibody.

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Western Blot using anti-CD56 antibody NCAM12.19. human brain cerebellum(A) and cerebral cortex(B) tissue lysate (35 μ g protein in RIPA buffer) was resolved on an SDS PAGE gel and blots probed with the chimeric mouse IgG version of NCAM12.19 (orb758888) at 0.03 μ g/ml before detection using an anti-mouse secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

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