

Product Datasheet

CD81 Antibody (SN206-01)

NBP2-67722

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67722

CD81 Antibody (SN206-01)

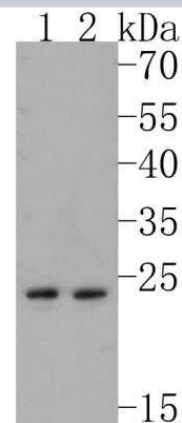
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SN206-01
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	975
Gene Symbol	CD81
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human CD81 aa 161-210 / 236. (SwissProt: P60033 Human; SwissProt: P35762 Mouse; SwissProt: Q62745 Rat)

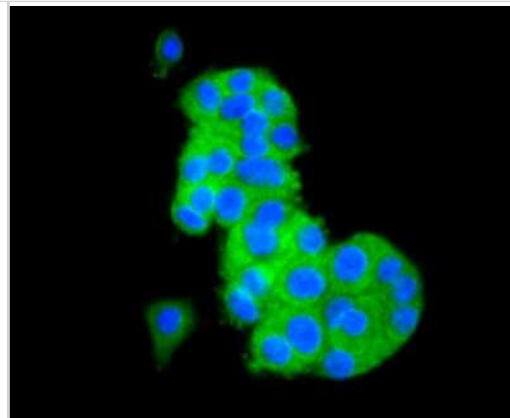
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:50-1:200

Images

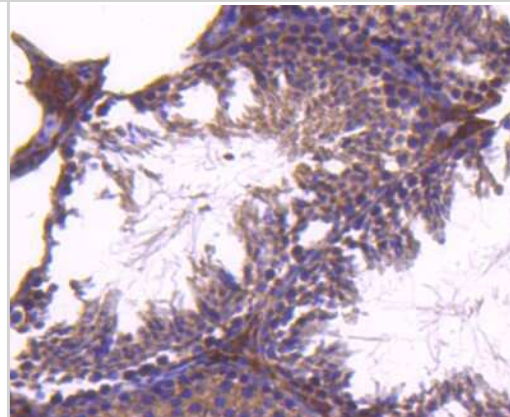
Western Blot: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of TAPA1/CD81 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: PC-12 cell lysate Lane 2: JAR cell lysate



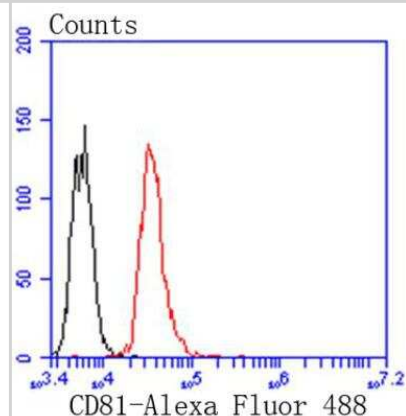
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



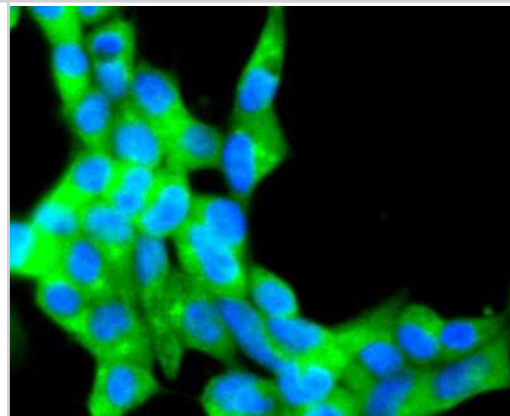
Immunohistochemistry-Paraffin: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of paraffin-embedded mouse testis tissue using anti-CD81 antibody. Counter stained with hematoxylin.



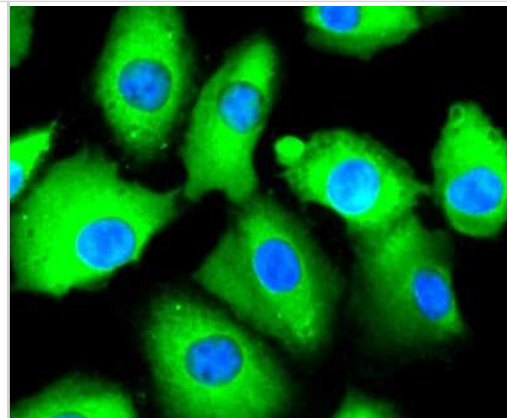
Flow Cytometry: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of Jurkat cells with CD81 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



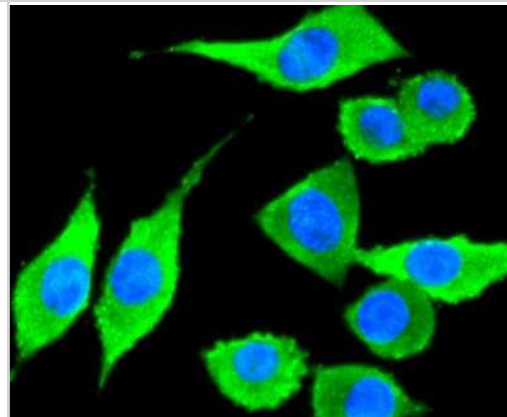
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



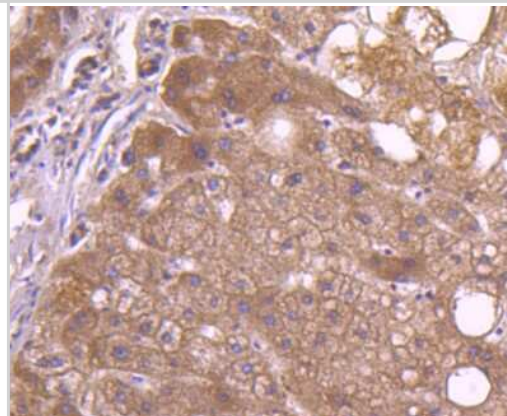
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



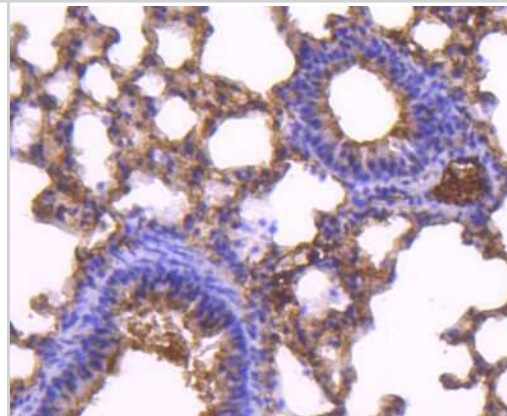
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of paraffin-embedded human liver tissue using anti-CD81 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of paraffin-embedded mouse lung tissue using anti-CD81 antibody. Counter stained with hematoxylin.



Publications

Ismaeel A, Van Pelt DW, Hettinger ZR et al. Extracellular vesicle distribution and localization in skeletal muscle at rest and following disuse atrophy Skeletal muscle 2023-03-10 [PMID: 36895061] (Immunohistochemistry-Frozen, Rat)

Xie YX, Naseri NN, Fels J et al. Lysosomal exocytosis releases pathogenic alpha-synuclein species from neurons in synucleinopathy models Nature communications 2022-08-22 [PMID: 35995799] (WB, Mouse)



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Products Related to NBP2-67722

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-60215-50ug	Recombinant Human CD81 hIgG-His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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