

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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Publications: 3

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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

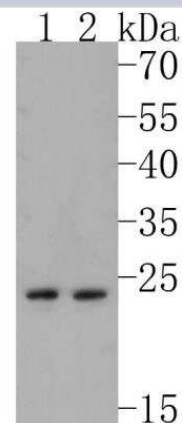
Description	Novus Biologicals Rabbit CD81 Antibody (SN206-01) (NBP2-67722) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-CD81 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	975
Gene 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

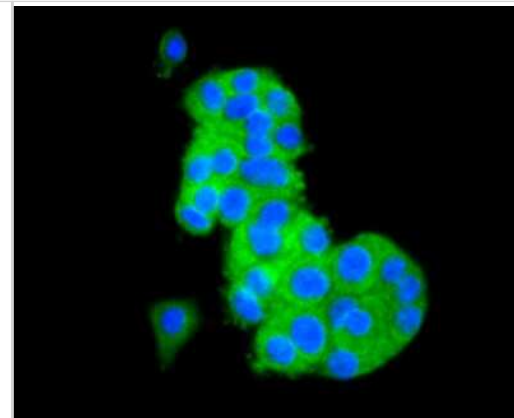
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin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

Images

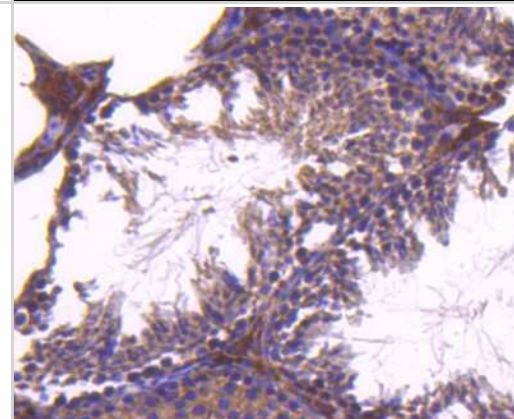
Western Blot: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of TAPA1/CD81 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit 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



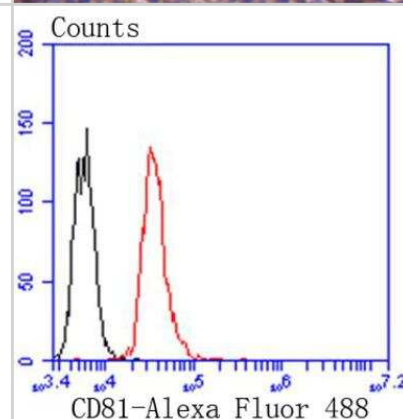
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



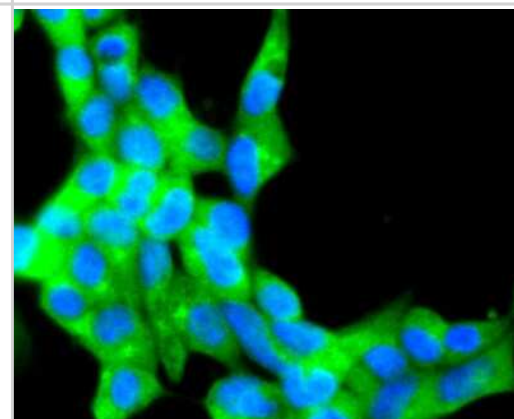
Immunohistochemistry-Paraffin: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of paraffin-embedded mouse testis tissue using anti-CD81 antibody. Counter stained with hematoxylin.



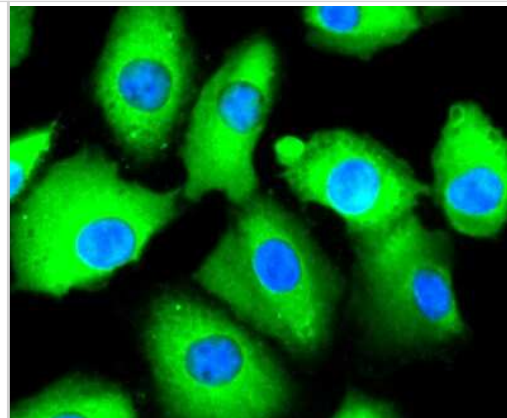
Flow Cytometry: CD81 Antibody (SN206-01) [NBP2-67722] - Analysis of Jurkat cells with CD81 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



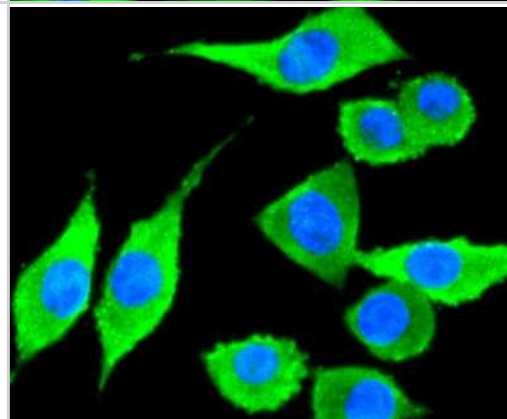
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



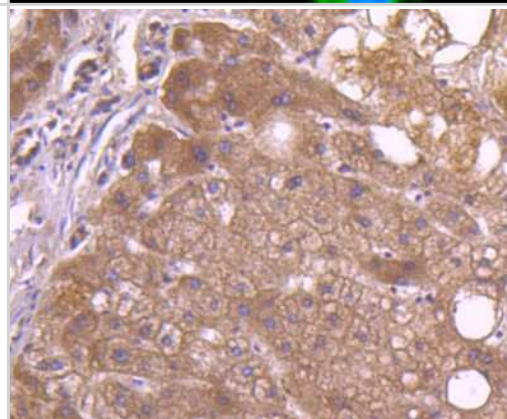
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



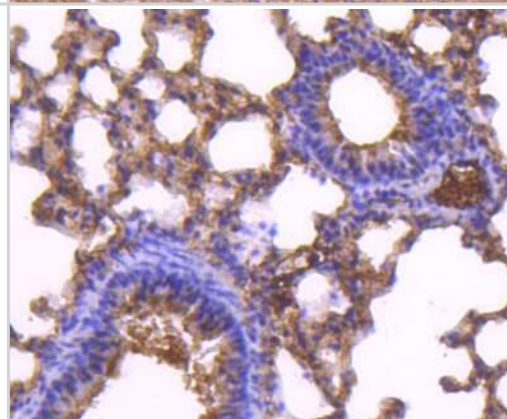
Immunocytochemistry/Immunofluorescence: CD81 Antibody (SN206-01) [NBP2-67722] - Staining CD81 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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

Sadri M, Hirosawa N, Le J et al. Tumor necrosis factor receptor-1 is selectively sequestered into Schwann cell extracellular vesicles where it functions as a TNF alpha decoy *Glia* 2021-09-24 [PMID: 34559433]

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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