

Product Datasheet

CD81 Antibody - BSA Free NBP1-77039

Unit Size: 0.1 mg

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

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NBP1-77039

CD81 Antibody - BSA Free

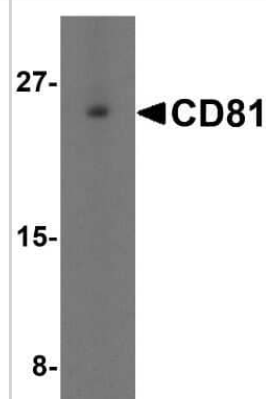
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	25 kDa

Product Description	
Host	Rabbit
Gene ID	975
Gene Symbol	CD81
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 20 amino acid synthetic peptide near the amino terminus of human CD81. The immunogen is located within amino acids 30 - 80 of CD81. Amino Acid Squence: HDPQTTNLLYLELGDKPAPN

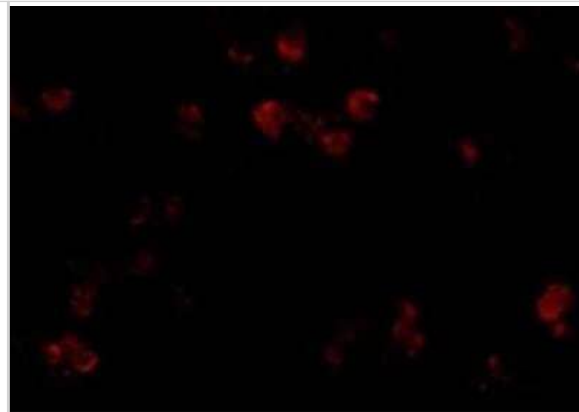
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2.5 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 2 ug/ml

Images

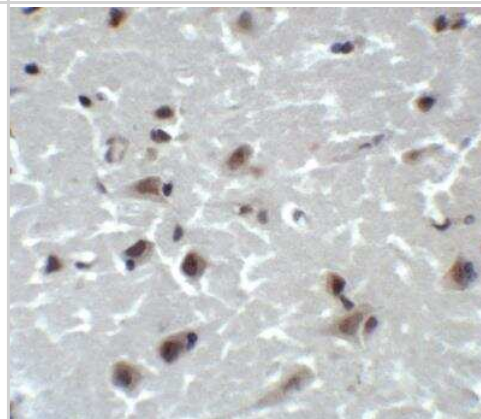
Western Blot: CD81 Antibody [NBP1-77039] - Analysis in human lung tissue lysate with antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



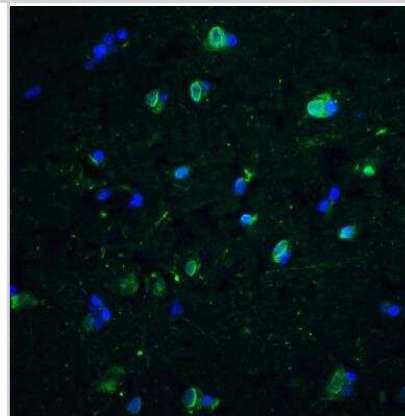
Immunocytochemistry/Immunofluorescence: CD81 Antibody [NBP1-77039] - CD81 in A549 cells with CD81 antibody at 20 ug/mL.



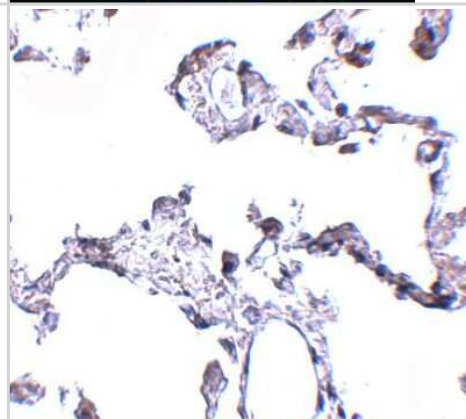
Immunohistochemistry-Paraffin: CD81 Antibody [NBP1-77039] - CD81 in human brain tissue with CD81 antibody at 2 ug/ml.



Immunocytochemistry/Immunofluorescence: CD81 Antibody [NBP1-77039] - CD81 in human brain tissue with CD81 antibody at 10 ug/ml.



Immunohistochemistry-Paraffin: CD81 Antibody [NBP1-77039] - Human lung tissue with TAPA1 antibody at 5 ug/ml.



Publications

Larissa Jank, Ajay Kesharwani, Taekyung Ryu, Deepika Joshi, Dimitrios C. Ladakis, Matthew D. Smith, Saumitra Singh, Tanina Arab, Kenneth W. Witwer, Peter A. Calabresi, Chan-Hyun Na, Pavan Bhargava Characterization of spinal cord tissue-derived extracellular vesicles in neuroinflammation *Journal of Neuroinflammation* 2024-06-08 [PMID: 38851724]

Jiao W, Hao J, Liu JM et al. Mesenchymal stem cells-derived extracellular vesicle-incorporated H19 attenuates cardiac remodeling in rats with heart failure *The Kaohsiung journal of medical sciences* 2023-10-27 [PMID: 37885317] (Western Blot, Rat)

Turner N, Abeysinghe P, Flay H et al. SWATH-MS Analysis of Blood Plasma and Circulating Small Extracellular Vesicles Enables Detection of Putative Protein Biomarkers of Fertility in Young and Aged Dairy Cows *Journal of proteome research* 2023-11-03 [PMID: 37830897]

Li H, Bräunig S, Dhapolar P et al. Identification of phenotypically, functionally, and anatomically distinct stromal niche populations in human bone marrow based on single-cell RNA sequencing *eLife* 2023-03-06 [PMID: 36876630] (IHC-P, Human)

Ock J, Wu J, Liu F et al. Heme-binding protein 1 delivered via pericyte-derived extracellular vesicles improves neurovascular regeneration in a mouse model of cavernous nerve injury *International Journal of Biological Sciences* 2023-05-19 [PMID: 37324943] (EM, Mouse)

Abeysinghe P, Turner N, Mosaad E et al. Dynamics of inflammatory cytokine expression in bovine endometrial cells exposed to cow blood plasma small extracellular vesicles (sEV) may reflect high fertility *Scientific reports* 2023-04-03 [PMID: 37012302] (WB, Bovine)

Turner N, Abeysinghe P, Sadowski P, Mitchell M Cross-species proteomic and microRNA comparison of extracellular vesicles in human milk, cow's milk, and infant formula products: moving towards next generation infant formula products *bioRxiv* 2023-02-24 (Western Blot, Bovine, Human)

Yin GN, Shin TY, Ock J et al. Pericyte derived extracellular vesicles mimetic nanovesicles improves peripheral nerve regeneration in mouse models of sciatic nerve transection *International journal of molecular medicine* 2022-02-01 [PMID: 34935051] (WB, Mouse)

Fritsch J, Tchikov V, Hennig L et al. A toolbox for the immunomagnetic purification of signalling organelles *Traffic* 2018-12-20 [PMID: 30569578] (WB, Human)





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Products Related to NBP1-77039

NBP1-77039PEP	CD81 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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