

Product Datasheet

Neprilysin/CD10 Antibody (SN75-07) NBP2-67717

Unit Size: 100 ul

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

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NBP2-67717

Neprilysin/CD10 Antibody (SN75-07)

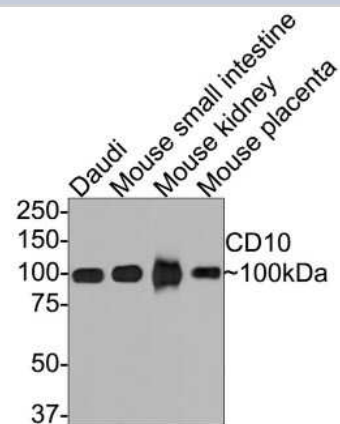
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SN75-07
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Neprilysin/CD10 Antibody (SN75-07) (NBP2-67717) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4311
Gene Symbol	MME
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Neprilysin/CD10 aa 1-50 / 750. (SwissProt: P08473 Human; SwissProt: Q61391 Mouse; SwissProt: P07861 Rat)

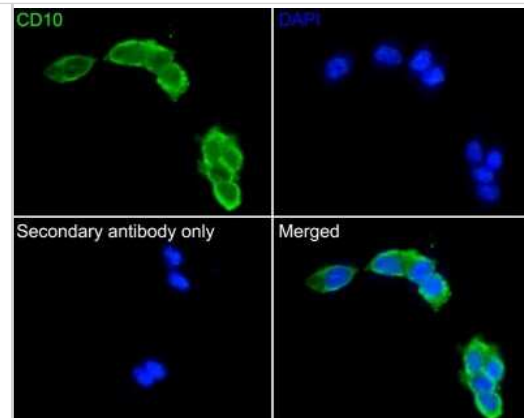
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

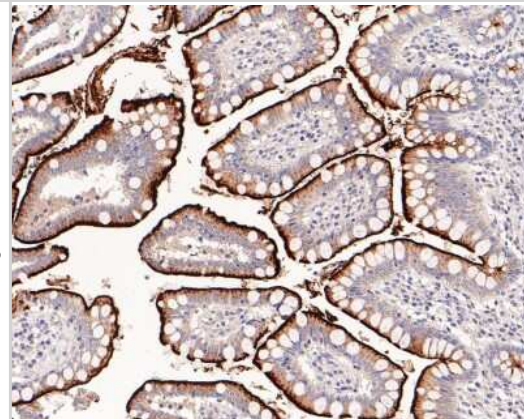
Western Blot: Neprilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of Neprilysin/CD10 on different lysates with Rabbit anti-Neprilysin/CD10 antibody at 1/1,000 dilution. Lane 1: Daudi cell lysate (10 ug/Lane) Lane 2: Mouse small intestine tissue lysate (20 ug/Lane) Lane 3: Mouse kidney tissue lysate (20 ug/Lane) Lane 4: Mouse placenta tissue lysate (20 ug/Lane) Predicted band size: 86 kDa Observed band size: 100 kDa Exposure time: 1 minute; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



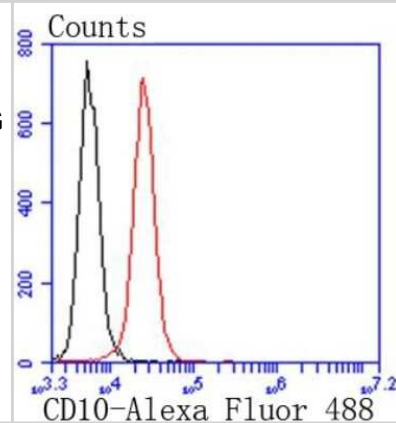
Immunocytochemistry/Immunofluorescence: Neprilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of 293 cells labeling CD10 with Rabbit anti-Neprilysin/CD10 antibody (permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-CD10 antibody was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



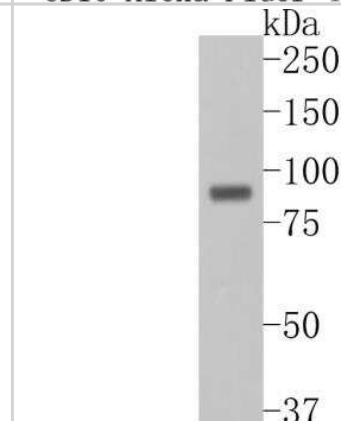
Immunohistochemistry-Paraffin: Neprilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of paraffin-embedded human small intestine tissue with Rabbit anti-Neprilysin/CD10 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



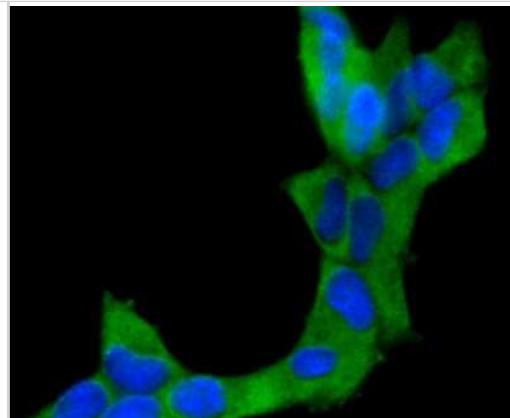
Flow Cytometry: Neprilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of Jurkat cells with CD10 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



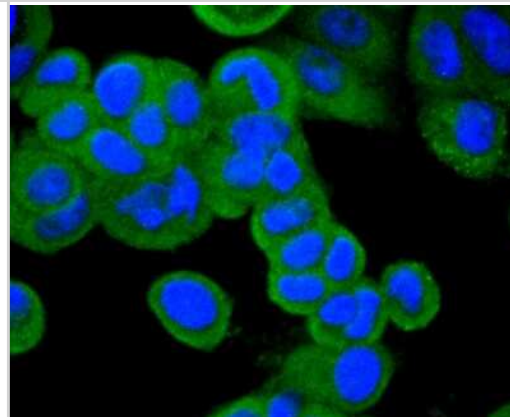
Western Blot: Neprilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of CD10 on Daudi cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.



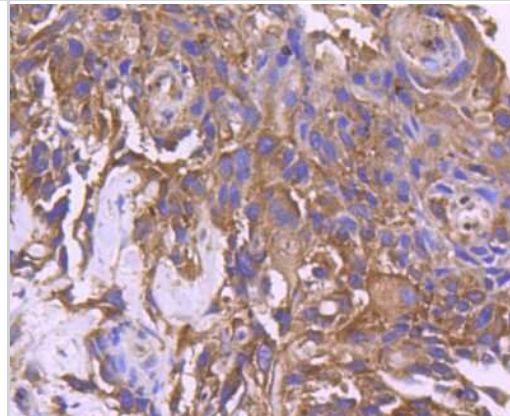
Immunocytochemistry/Immunofluorescence: Nepilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Staining CD10 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



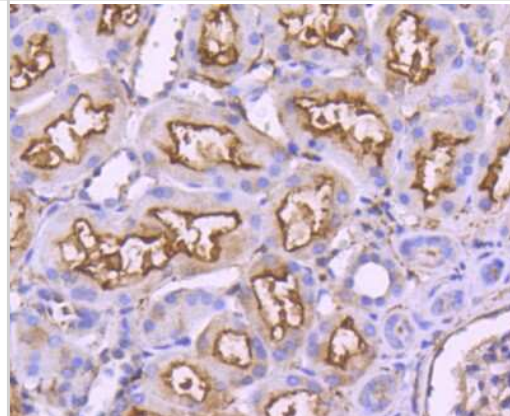
Immunocytochemistry/Immunofluorescence: Nepilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Staining CD10 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



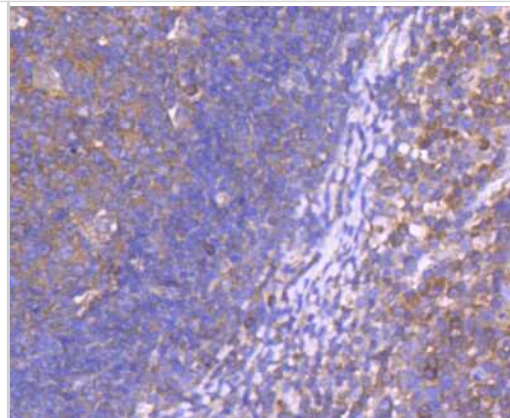
Immunohistochemistry-Paraffin: Nepilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-CD10 antibody. Counter stained with hematoxylin.



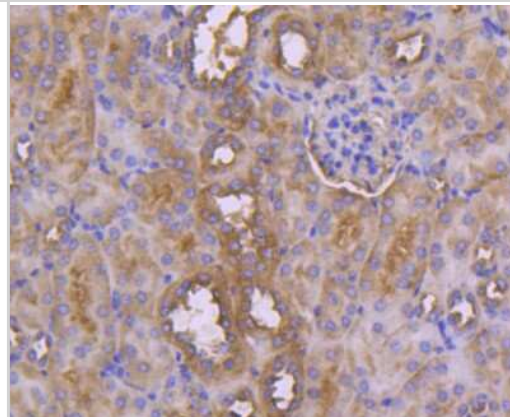
Immunohistochemistry-Paraffin: Nepilysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of paraffin-embedded human kidney tissue using anti-CD10 antibody. Counter stained with hematoxylin.



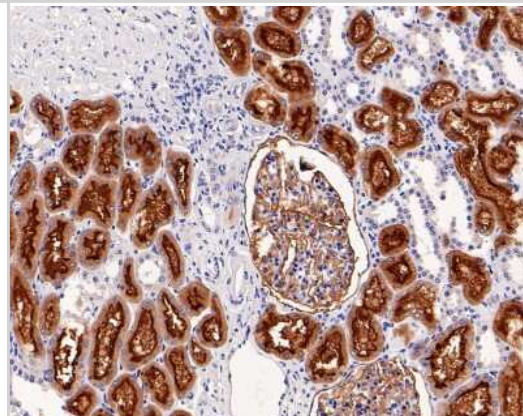
Immunohistochemistry-Paraffin: Nepriysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of paraffin-embedded human tonsil tissue using anti-CD10 antibody. Counter stained with hematoxylin.



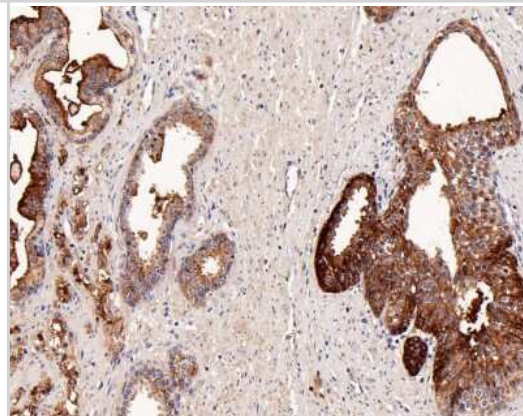
Immunohistochemistry-Paraffin: Nepriysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of paraffin-embedded mouse kidney tissue using anti-CD10 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Nepriysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of paraffin-embedded human kidney tissue with Rabbit anti-Nepriysin/CD10 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Nepriysin/CD10 Antibody (SN75-07) [NBP2-67717] - Analysis of paraffin-embedded human prostate carcinoma tissue with Rabbit anti-Nepriysin/CD10 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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