

Product Datasheet

MUC1 Antibody (SN06-80) NBP2-67650

Unit Size: 100 μ l

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

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NBP2-67650

MUC1 Antibody (SN06-80)

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 | SN06-80 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | TBS (pH7.4), 0.05% BSA, 40% Glycerol |

Product Description

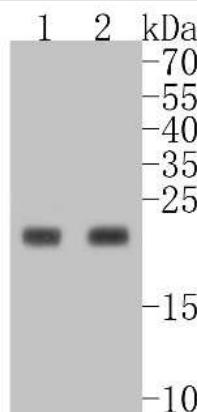
| | |
|--------------------------------|---|
| Description | Novus Biologicals Rabbit MUC1 Antibody (SN06-80) (NBP2-67650) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 4582 |
| Gene Symbol | MUC1 |
| Species | Human, Mouse, Rat |
| Specificity/Sensitivity | specific to MUC1 beta subunit |
| Immunogen | Synthetic peptide within Human MUC1 aa 1,206-1,255 / 1,255. (SwissProt: P15941 Human; SwissProt: Q02496 Mouse) |

Product Application Details

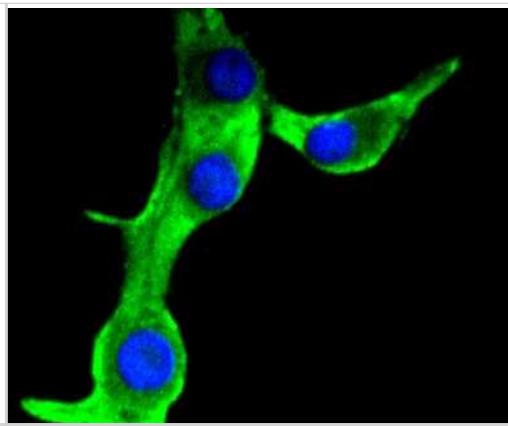
| | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry,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

Images

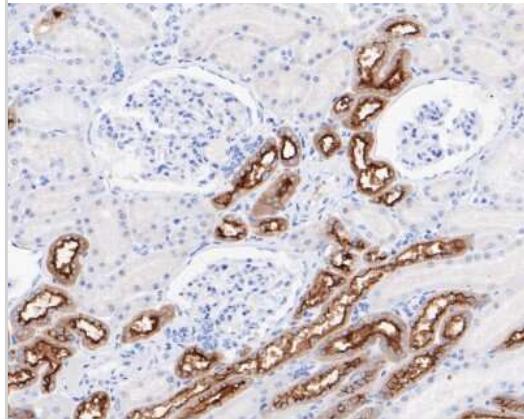
Western Blot: MUC1 Antibody (SN06-80) [NBP2-67650] - Western blot analysis of MUC1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabb



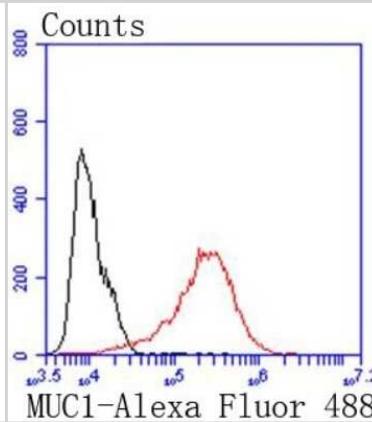
Immunocytochemistry/Immunofluorescence: MUC1 Antibody (SN06-80) [NBP2-67650] - Staining MUC1 in B16-F1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



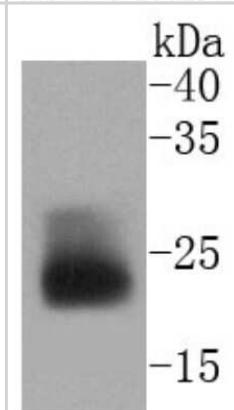
Immunohistochemistry-Paraffin: MUC1 Antibody (SN06-80) [NBP2-67650] - Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-MUC1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes 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.



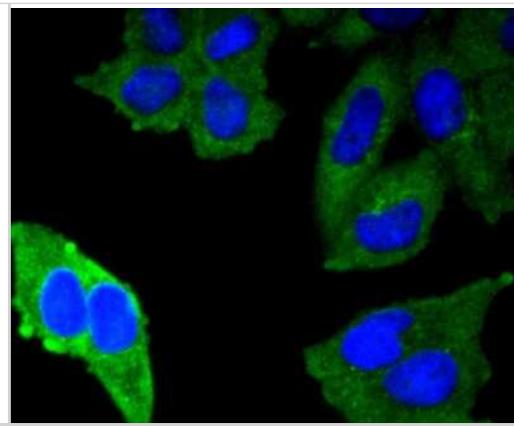
Flow Cytometry: MUC1 Antibody (SN06-80) [NBP2-67650] - Analysis of MCF-7 cells with MUC1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



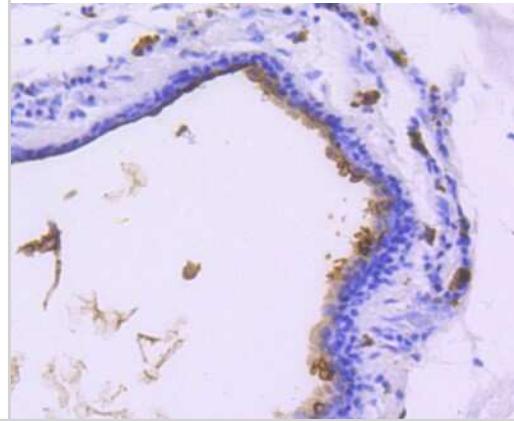
Western Blot: MUC1 Antibody (SN06-80) [NBP2-67650] - Analysis of MUC1 on Hela cells lysates using anti-MUC1 antibody at 1/1,000 dilution.



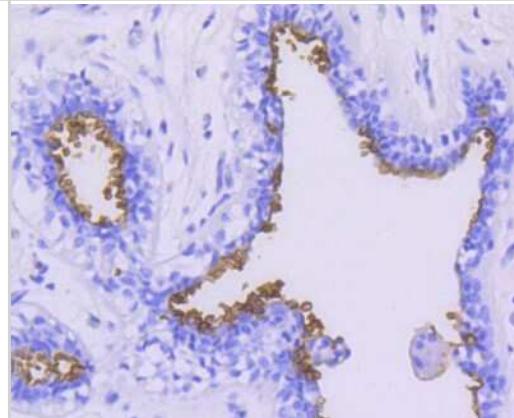
Immunocytochemistry/Immunofluorescence: MUC1 Antibody (SN06-80) [NBP2-67650] - Staining MUC1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: MUC1 Antibody (SN06-80) [NBP2-67650] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-MUC1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MUC1 Antibody (SN06-80) [NBP2-67650] - Analysis of paraffin-embedded human breast tissue using anti-MUC1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MUC1 Antibody (SN06-80) [NBP2-67650] - Analysis of paraffin-embedded human kidney tissue using anti-MUC1 antibody. Counter stained with hematoxylin.





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Products Related to NBP2-67650

| | |
|--------------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| H00004582-Q01-10ug | Recombinant Human MUC1 GST (N-Term) 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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