

# Product Datasheet

## MUC4 Antibody (HL2026) - Azide and BSA Free NBP3-25569

Unit Size: 100 ul

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

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**NBP3-25569**

MUC4 Antibody (HL2026) - Azide and BSA Free

| <b>Product Information</b> |  |
|----------------------------|--|
| <b>Unit Size</b>           | 100 ul   |
| <b>Concentration</b>       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>           | Monoclonal   |
| <b>Clone</b>               | HL2026   |
| <b>Preservative</b>        | No Preservative  |
| <b>Isotype</b>             | IgG  |
| <b>Purity</b>              | Protein A purified   |
| <b>Buffer</b>              | PBS  |

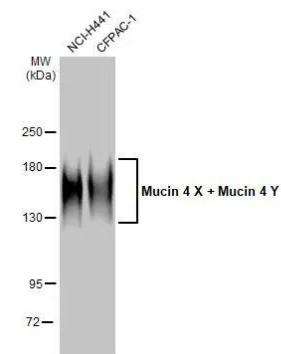
| <b>Product Description</b>     |  |
|--------------------------------|--|
| <b>Description</b>             | Novus Biologicals Rabbit MUC4 Antibody (HL2026) - Azide and BSA Free (NBP3-25569) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Rabbit   |
| <b>Gene ID</b>                 | 4585   |
| <b>Gene Symbol</b>             | MUC4   |
| <b>Species</b>                 | Human  |
| <b>Specificity/Sensitivity</b> | Mucin 4 X + Mucin 4 Y  |
| <b>Immunogen</b>               | Recombinant fragment of human MUC4 X + MUC4 Y.   |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence                |
| <b>Recommended Dilutions</b>       | Western Blot 1:500-1:100000, Immunocytochemistry/ Immunofluorescence |

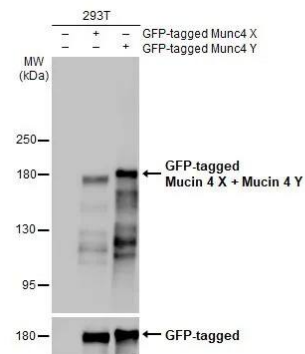


## Images

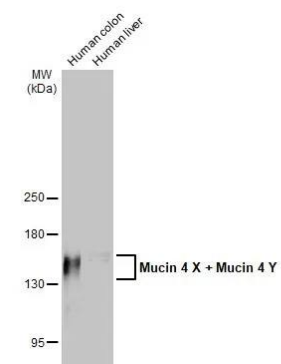
Western Blot: MUC4 Antibody (HL2026) - Azide and BSA Free [NBP3-25569] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Mucin 4 X + Mucin 4 Y antibody [HL2026] (NBP3-25569) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



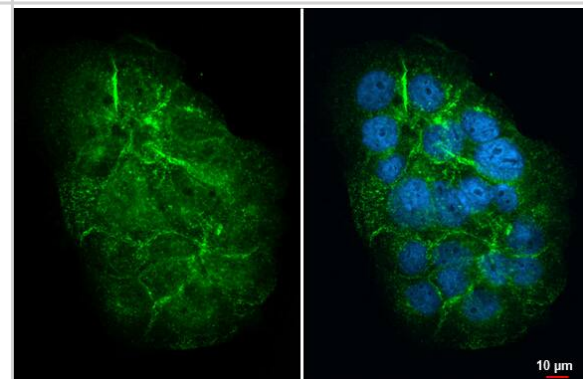
Western Blot: MUC4 Antibody (HL2026) - Azide and BSA Free [NBP3-25569] - Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 5% SDS-PAGE, and the membrane was blotted with Mucin 4 X + Mucin 4 Y antibody [HL2026] (NBP3-25569) diluted at 1:100000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: MUC4 Antibody (HL2026) - Azide and BSA Free [NBP3-25569] - Various tissue extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Mucin 4 X + Mucin 4 Y antibody [HL2026] (NBP3-25569) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: MUC4 Antibody (HL2026) - Azide and BSA Free [NBP3-25569] - Mucin 4 X + Mucin 4 Y antibody [HL2026] detects Mucin 4 X + Mucin 4 Y protein at cell membrane by immunofluorescent analysis. Sample: NCI-H441 cells were fixed in ice-cold MeOH for 5 min. Green: Mucin 4 X + Mucin 4 Y stained by Mucin 4 X + Mucin 4 Y antibody [HL2026] (NBP3-25569) diluted at 1:500. Blue: Fluoroshield with DAPI .





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### **Products Related to NBP3-25569**

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|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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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### **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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