

# 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

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

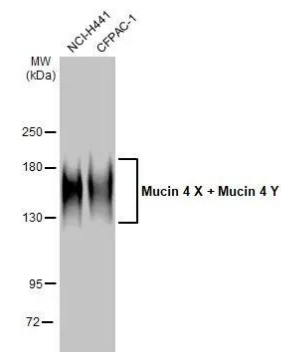
| Product Description     |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | 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. |
| Host                    | Rabbit                                                                                                                                                                                                                         |
| Gene ID                 | 4585                                                                                                                                                                                                                           |
| Gene Symbol             | MUC4                                                                                                                                                                                                                           |
| Species                 | Human                                                                                                                                                                                                                          |
| Specificity/Sensitivity | Mucin 4 X + Mucin 4 Y                                                                                                                                                                                                          |
| Immunogen               | Recombinant fragment of human MUC4 X + MUC4 Y.                                                                                                                                                                                 |

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

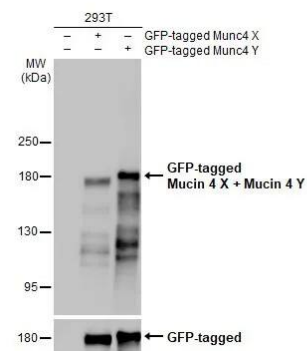


## Images

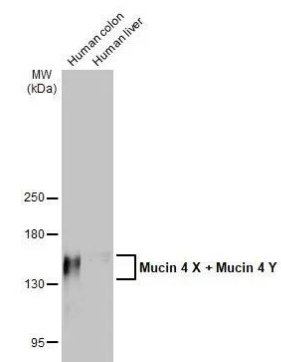
Western Blot: MUC4 Antibody (HL2026) - Azide and BSA Free [NBP3-25569] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Mucin 4 X + Mucin 4 Y antibody [HL2026] (NBP3-25569) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to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



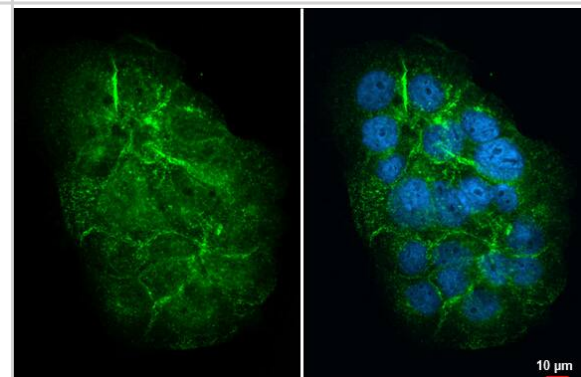
Western Blot: MUC4 Antibody (HL2026) - Azide and BSA Free [NBP3-25569] - Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 5% SDS-PAGE, and the membrane was blotted with Mucin 4 X + Mucin 4 Y antibody [HL2026] (NBP3-25569) diluted at 1:100000. The HRP-conjugated anti-rabbit 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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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00004585-Q01-10ug | Recombinant Human MUC4 GST (N-Term) Protein         |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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