

# Product Datasheet

## MGST3 Antibody (JB40-79)

### NBP2-75573

Unit Size: 100 ul

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

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Updated 1/3/2023 v.20.1

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**NBP2-75573****MGST3 Antibody (JB40-79)**

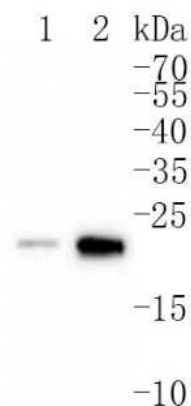
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JB40-79
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	23 kDa

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	MGST3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human MGST3aa 70-210 / 210. (SwissProt: P09211 Human; SwissProt: P19157 Mouse; SwissProt: P04906 Rat)

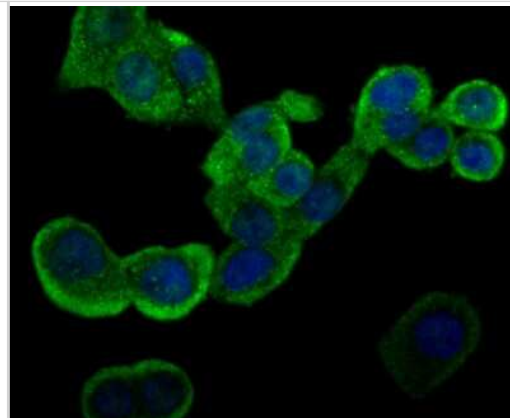
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

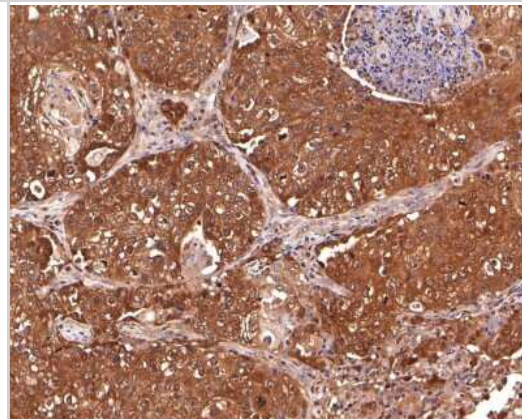
Western Blot: MGST3 Antibody (JB40-79) [NBP2-75573] - Analysis of MGST3 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: A549 cell lysate Lane 2: Mouse liver tissue lysate



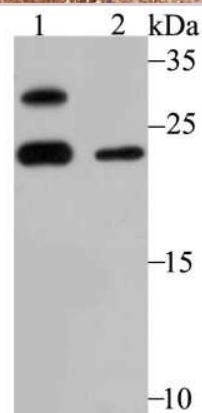
**Immunocytochemistry/Immunofluorescence: MGST3 Antibody (JB40-79) [NBP2-75573]** - Staining GST3 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



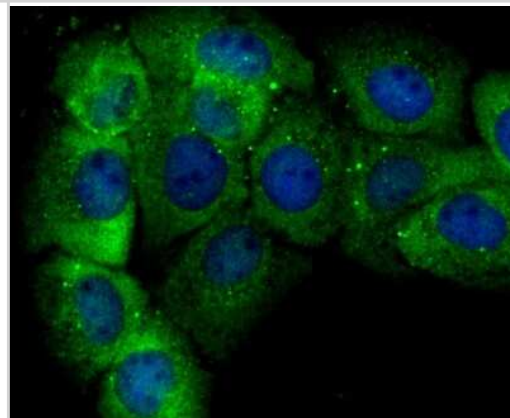
**Immunohistochemistry-Paraffin: MGST3 Antibody (JB40-79) [NBP2-75573]** - Analysis of paraffin-embedded human lung squamous carcinoma tissue with Rabbit anti-MGST3 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/500 dilution for 1 hour at room temperature. 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.



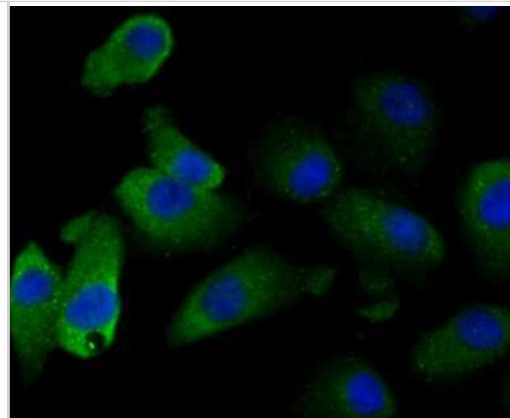
**Western Blot: MGST3 Antibody (JB40-79) [NBP2-75573]** - Analysis of GST3 on mouse liver tissue (1) and A549 cell (2) lysate using anti-GST3 antibody at 1/500 dilution.



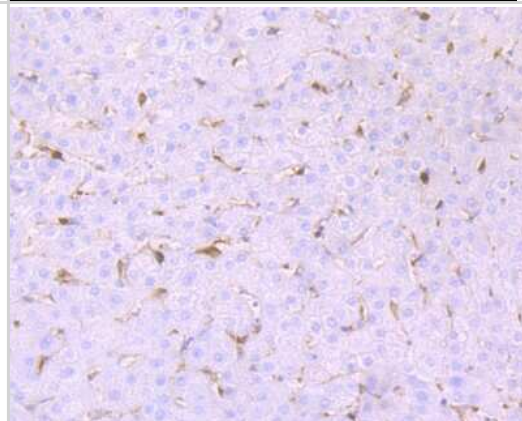
**Immunocytochemistry/Immunofluorescence: MGST3 Antibody (JB40-79) [NBP2-75573]** - Staining GST3 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



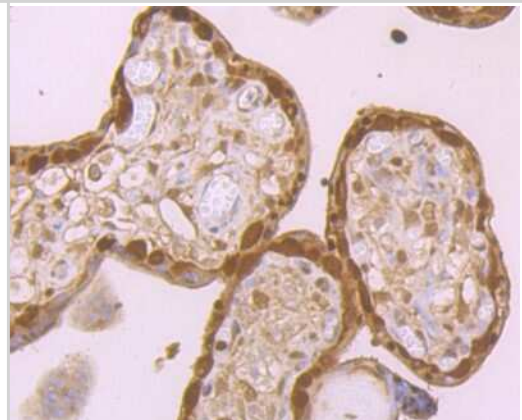
Immunocytochemistry/Immunofluorescence: MGST3 Antibody (JB40-79) [NBP2-75573] - Staining GST3 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



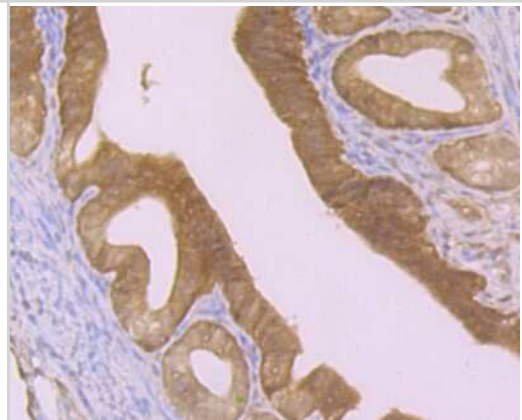
Immunohistochemistry-Paraffin: MGST3 Antibody (JB40-79) [NBP2-75573] - Analysis of paraffin-embedded human liver tissue using anti-GST3 antibody. Counter stained with hematoxylin.



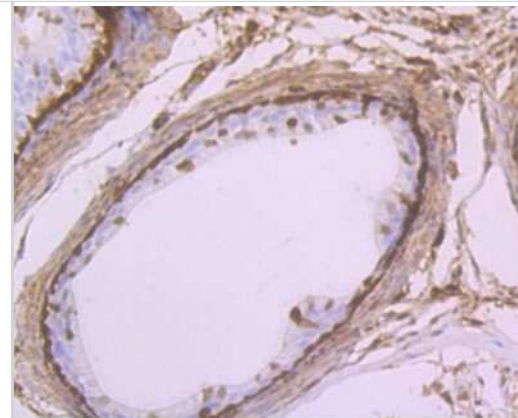
Immunohistochemistry-Paraffin: MGST3 Antibody (JB40-79) [NBP2-75573] - Analysis of paraffin-embedded human placenta tissue using anti-GST3 antibody. Counter stained with hematoxylin.



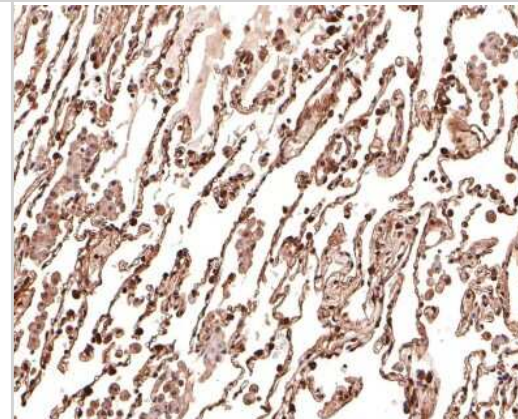
Immunohistochemistry-Paraffin: MGST3 Antibody (JB40-79) [NBP2-75573] - Analysis of paraffin-embedded mouse fallopian tube tissue using anti-GST3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MGST3 Antibody (JB40-79) [NBP2-75573] - Analysis of paraffin-embedded rat epididymis tissue using anti-GST3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MGST3 Antibody (JB40-79) [NBP2-75573] - Analysis of paraffin-embedded human lung tissue with Rabbit anti-MGST3 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/500 dilution 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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### **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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