

# Product Datasheet

## Microsomal Glutathione S-transferase 1 Antibody (6A0S5) NBP3-15316-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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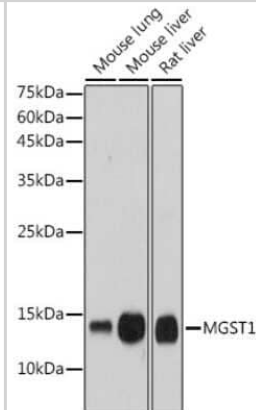


**NBP3-15316-100ul****Microsomal Glutathione S-transferase 1 Antibody (6A0S5)**

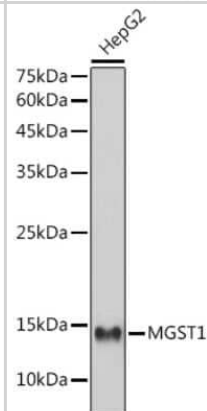
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6A0S5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	18 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Microsomal Glutathione S-transferase 1 Antibody (6A0S5) (NBP3-15316) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4257
<b>Gene Symbol</b>	MGST1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Microsomal Glutathione S-transferase 1 (P10620). MVDLTQVMDDEVFMAFASYATIILSKMMLMSTATAFYRLTRKVFANPEDCVAF GKGENAKKYLRTDDRVERVRRRAHLNDLENIIPFLGIGLLYSLSGPDP
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000

## Images

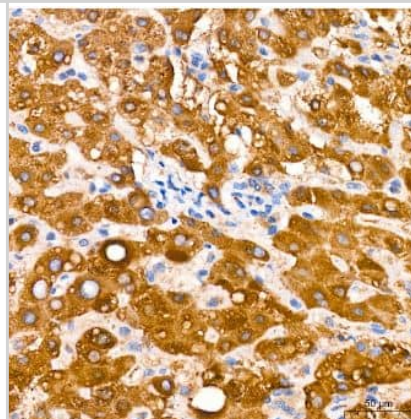
Western Blot: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [NBP3-15316] - Western blot analysis of extracts of various cell lines, using Microsomal Glutathione S-transferase 1 antibody (NBP3-15316) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



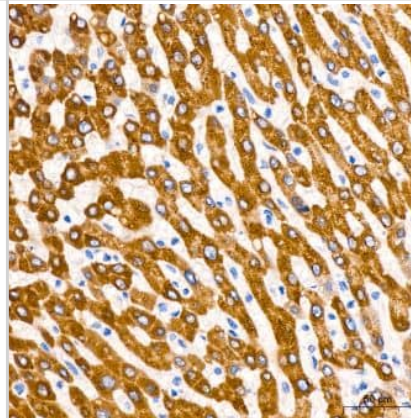
Western Blot: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [NBP3-15316] - Western blot analysis of extracts of HepG2 cells, using Microsomal Glutathione S-transferase 1 antibody (NBP3-15316) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



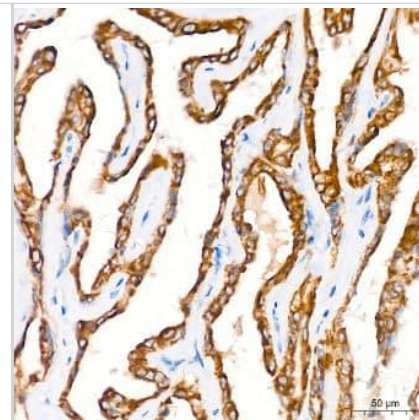
Immunohistochemistry-Paraffin: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [NBP3-15316] - Human liver cancer tissue using MGST1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



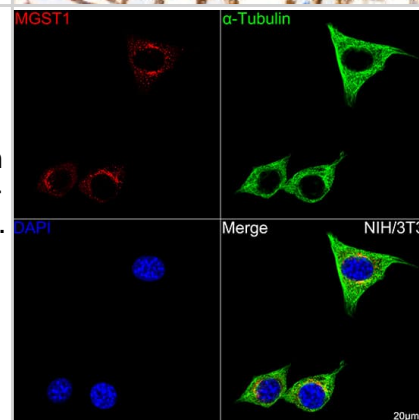
Immunohistochemistry-Paraffin: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [NBP3-15316] - Human liver tissue using MGST1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



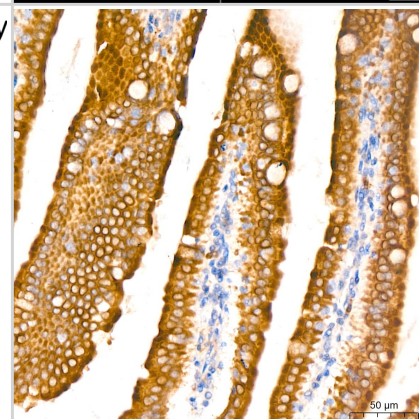
Immunohistochemistry-Paraffin: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [NBP3-15316] -Human thyroid cancer tissue using MGST1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



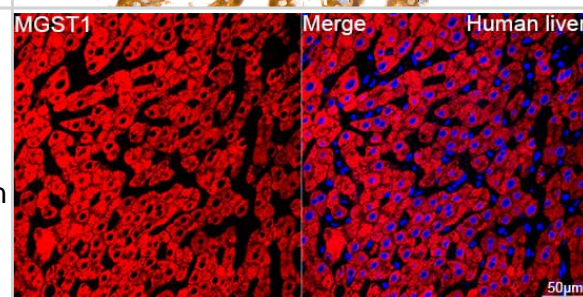
Immunocytochemistry/ Immunofluorescence: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [Microsomal Glutathione S-transferase 1] - Confocal imaging of NIH/3T3 cells using Microsomal Glutathione S-transferase 1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



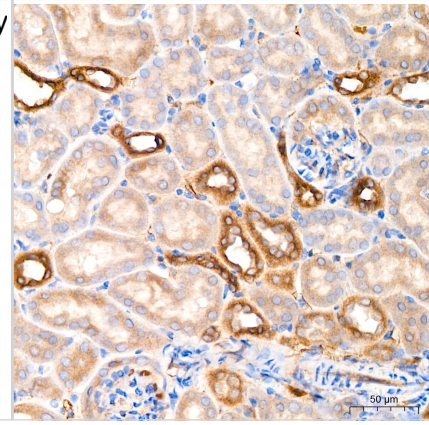
Immunohistochemistry: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [Microsomal Glutathione S-transferase 1] - Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using Microsomal Glutathione S-transferase 1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [Microsomal Glutathione S-transferase 1] - Confocal imaging of paraffin-embedded Human liver using Microsomal Glutathione S-transferase 1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry: Microsomal Glutathione S-transferase 1 Antibody (6A0S5) [Microsomal Glutathione S-transferase 1] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Microsomal Glutathione S-transferase 1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





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### **Products Related to NBP3-15316-100ul**

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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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