

Product Datasheet

Microsomal Glutathione S-transferase 1 Antibody (14H2-R) NBP3-32594

Unit Size: 100 ul

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

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NBP3-32594**Microsomal Glutathione S-transferase 1 Antibody (14H2-R)**

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	14H2-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	18 kDa
Product Description	
Description	Novus Biologicals Mouse Microsomal Glutathione S-transferase 1 Antibody (14H2-R) (NBP3-32594) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4257
Gene Symbol	MGST1
Species	Human
Immunogen	Recombinant protein within Human Microsomal Glutathione S-transferase 1 aa 1-144 / 155. (Uniprot: P10620)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000

Images

Western Blot: Microsomal Glutathione S-transferase 1 Antibody (14H2-R) [NBP3-32594] - Western blot analysis of Microsomal Glutathione S-transferase 1 on different lysates with Mouse anti-Microsomal Glutathione S-transferase 1 antibody (NBP3-32594) at 1/1,000 dilution.

Lane 1: SiHa cell lysate
 Lane 2: HepG2 cell lysate
 Lane 3: A549 cell lysate
 Lane 4: U-937 cell lysate
 Lane 5: MCF7 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 18 kDa
 Observed band size: 15 kDa

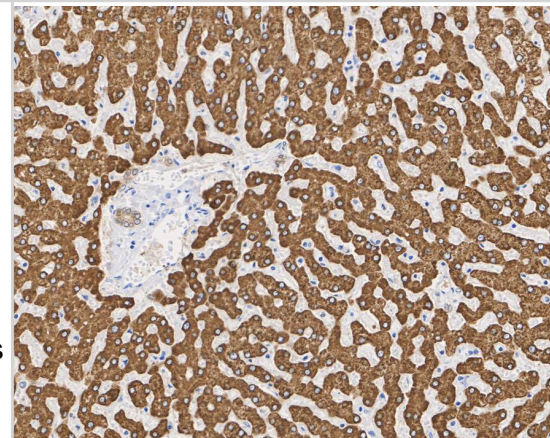
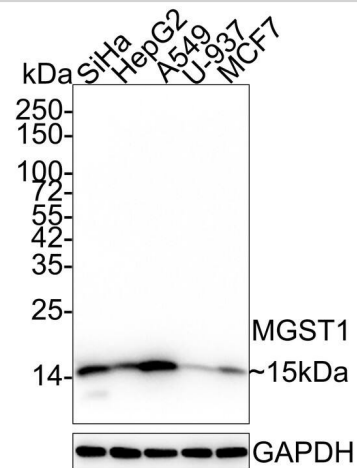
Exposure time: 10 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32594) at 1/1,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Microsomal Glutathione S-transferase 1 Antibody (14H2-R) [NBP3-32594] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Mouse anti-Microsomal Glutathione S-transferase 1 antibody (NBP3-32594) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32594) at 1/1,000 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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Products Related to NBP3-32594

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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