

Product Datasheet

Glutathione S-Transferase/GST Antibody (4D12.H7.D10.E3) - BSA Free NBP2-44182-0.05mg

Unit Size: 0.05 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP2-44182-0.05mg

Glutathione S-Transferase/GST Antibody (4D12.H7.D10.E3) - BSA Free

| Product Information | |
|---------------------|---|
| Unit Size | 0.05 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4D12.H7.D10.E3 |
| Preservative | 0.01% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |

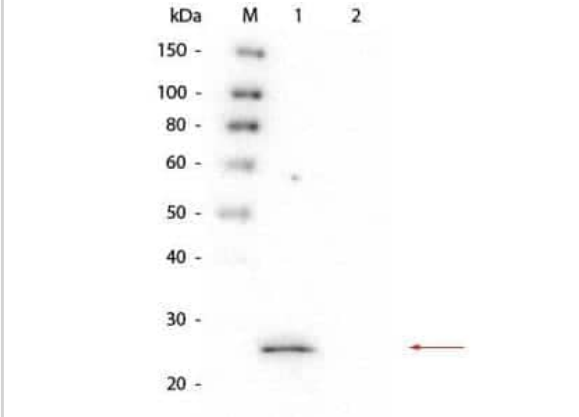
| Product Description | |
|-------------------------|--|
| Description | <p>This product is purified from roller bottle culture by Protein A chromatography followed by extensive dialysis against the buffer stated above</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> |
| Host | Mouse |
| Species | Human, Mouse |
| Reactivity Notes | Cross reactivity from other sources has not been determined |
| Specificity/Sensitivity | Reacts specifically with Glutathione S-Transferase/GST protein. |
| Immunogen | This Protein A purified Glutathione S-Transferase/GST Antibody (4D12.H7.D10.E3) was prepared by repeated immunizations in mice with Glutathione S-Transferase/GST Protein |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, ELISA, Immunoblotting, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:1000, ELISA 1:50000-1:200000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunoblotting |
| Application Notes | <p>This product has been tested by ELISA, SDS-Page, and Western Blot. Suitable for most immunological techniques requiring high titer binding and lot-to-lot consistency. Specific conditions for reactivity should be optimized by the end user.</p> <p>Use in immunoblotting reported in scientific literature (PMID: 27573245).</p> |



Images

Western Blot: Glutathione S-Transferase/GST Antibody (4D12.H7.D10.E3) [NBP2-44182] - Western Blot of Mouse anti-GSTS1 Monoclonal Antibody. Lane 1: rGSTS1 protein. Lane 2: GST. Load: 50 ng per lane. Primary antibody: Mouse anti-GSTS1 Monoclonal Antibody at 1:1,000 overnight at 4C. Secondary antibody: Peroxidase conjugated Rb-a-Ms IgG at 1:40,000 for 30 min at RT. Block: 0.75% Casein-TBS for 30 min at RT. Predicted/Observed size: 27 kDa, 27 kDa for GSTS1.



Publications

Peng Z, Liao Z, Matsumoto Y et al. Human DNA Ligase I Interacts with and is Targeted for Degradation by the DCAF7 Specificity Factor of the CUL4-DDB1 Ubiquitin Ligase Complex. J. Biol. Chem. 2016-08-29 [PMID: 27573245] (IB)



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Products Related to NBP2-44182-0.05mg

| | |
|----------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg | Mouse IgG Isotype Control |
| NBP3-24499 | Glutathione S-Transferase/GST Activity Assay Kit (Colorimetric) |

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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