

Product Datasheet

Glutathione S-Transferase/GST Antibody (GST13) - VHH NBP3-12166

Unit Size: 50 ug

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

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Updated 6/15/2023 v.20.1

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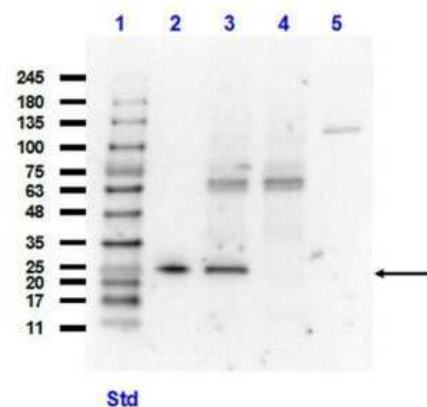


NBP3-12166**Glutathione S-Transferase/GST Antibody (GST13) - VHH**

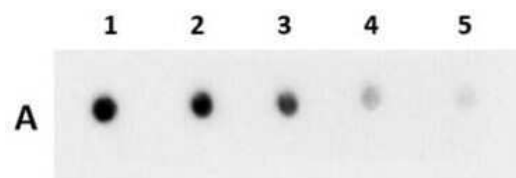
Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GST13
Preservative	0.01% Sodium Azide
Purity	Affinity purified
Buffer	1X PBS, pH 7.42, 20% (v/v) Glycerol
Product Description	
Description	<p>This recombinant antibody clone was isolated from a library prepared from a hyper-immunized llama host and purified by affinity chromatography from bacterial culture (E. coli) .</p> <p>Store 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	Llama
Species	E. coli
Specificity/Sensitivity	Expect reactivity against GST-labeled probes and proteins.
Immunogen	Glutathione S-Transferase/GST
Notes	<p>This recombinant antibody clone was isolated from a library prepared from a hyper-immunized llama host and purified by affinity chromatography from bacterial culture (E. coli) .</p> <p>Store 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>
Product Application Details	
Applications	Western Blot, Dot Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Dot Blot 1 ug/ml
Application Notes	<p>This product is a his-tagged monoclonal recombinant antibody designed to detect Glutathione-S-Transferase and its conjugates. This antibody has been tested by western blot and dot blot and is intended for use in immunological assays including western blotting, immunofluorescence and fluorescence activated cell sorting (FACS). Fluorochrome conjugated anti-GST can be used for detection of sensitive non-radioactive in situ hybridization probes. The antibody can be labeled with dyes, enzymes or fluorescence, directly or secondarily, for visualization and detection of GST-conjugated molecules by immunoblotting or immunofluorescence. Secondary detection can be achieved using conjugated anti-His tag or anti-VHH antibodies. Optimal titers for applications should be confirmed by the end user.</p>

Images

Western Blot: Glutathione S-Transferase/GST Antibody (GST13) - VHH [NBP3-12166] - Lane 1: Opal Prestained Molecular Weight Marker. Lane 2: Recombinant GST (0.2ug) [+]. Lane 3: HEK293T WCL / rec. GST (10ug/0.2ug) [+]. Lane 4: HEK293T Whole Cell Lysate (10ug) [-]. Lane 5: E.coli Host Cell Protein (HCP) Control Protein (10ug) [-]. Primary Antibody: Anti-GST (VhH) at 5.0ug/mL overnight at 2-8 degrees C. Secondary Antibody: Mouse Anti-6X His Tag Peroxidase at 1:3,000 for 30 mins at RT. Block: BlockOut Buffer. Exposure: 60 sec. Predicted MW: ~25.5kDa. Observed MW: ~25.5kDa. Unspecific Bands: ~70kDa minor background due to unspecific cross-reactivity of anti-6X His ab with unknown proteins of HEK293T lysate.



Dot Blot: Glutathione S-Transferase/GST Antibody (GST13) - VHH [NBP3-12166] - Row A: Recombinant GST protein. Amount Dotted: (1) 200, (2) 100, (3) 50, (4) 25, (5) 12.5ng. Primary Antibody: 1.0ug/mL for 1.5hr at RT. Secondary Antibody: Mouse Anti-6X His Tag Peroxidase at 1:500 for 30 mins at RT. Block: BlockOut Buffer.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Products Related to NBP3-12166

AF011-500	Goat anti-Llama IgG Secondary Antibody [Unconjugated]
NB7240	Goat anti-Llama IgG (H+L) Secondary Antibody

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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