

Product Datasheet

Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed) NBP1-71730

Unit Size: 1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-71730

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-71730

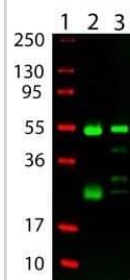


NBP1-71730**Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed)**

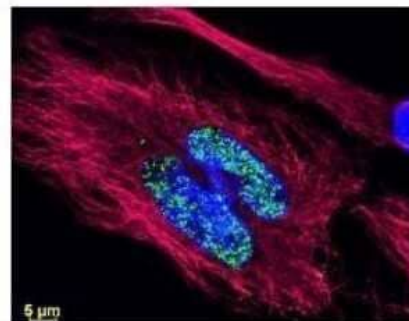
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Golden Syrian and Armenian Hamster IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Golden Syrian Hamster IgG and Armenian Hamster IgG</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
Host	Goat
Species	Hamster
Reactivity Notes	Cricetulus migratorius (Armenian Hamster); Melanochromis auratus (Golden Syrian Hamster)
Specificity/Sensitivity	<p>This antibody was pre-adsorbed against Mouse and Rat Serum Proteins.</p> <p>No reaction was observed against Mouse or Rat serum proteins. Specificity was confirmed using ELISA at less than 1% cross reactivity.</p>
Immunogen	Armenian and Golden Syrian Hamster IgG, whole molecule
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Dot Blot, Fluorophore-linked immunosorbent assay
Application Notes	This product has been tested by ELISA and dot blot and is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

Images

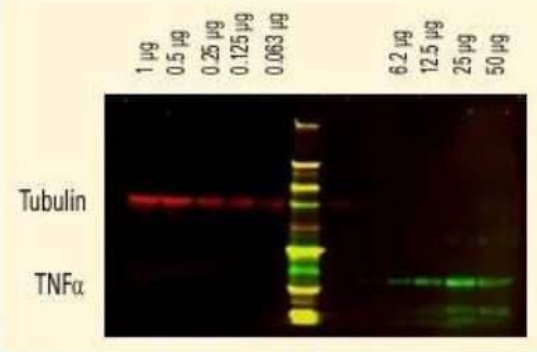
Western Blot: Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed) [NBP1-71730] - Golden Syrian Hamster IgG (Lane 2) and Armenian Hamster IgG (Lane 3) was run on a 4-20% gel and transferred to 0.45 um nitrocellulose. After blocking with 5% Blotto 30 min at 20C, Antibody was used at 1:5000 in blocking buffer for Fluorescent Western blotting. Molecular weight markers are in lane 1.



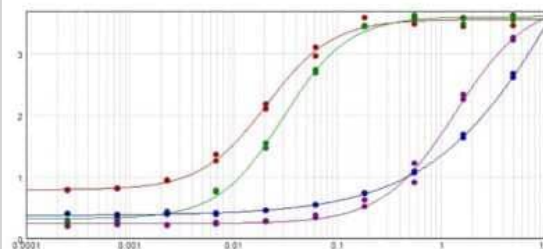
Immunocytochemistry/Immunofluorescence: Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed) [NBP1-71730] - This image shows anti-histone detection using a DyLight 488 conjugate (green). Anti-Tubulin was detected using a DyLight 549 conjugate (red). Nuclei were counter-stained using DAPI (blue). The image was captured using an Axio Imager.Z1 (Zeiss Micro Imaging Inc).. Using the DyLight 488 format of this antibody.



Western Blot: Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed) [NBP1-71730] - Anti-TNF-alpha was detected using a DyLight 800 conjugate. The image was captured using the Odyssey Infrared Imaging System developed by LI-COR.



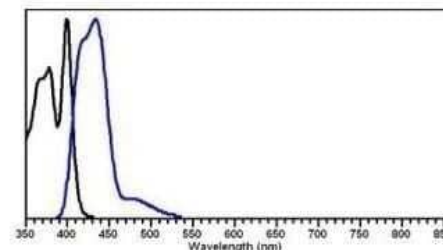
ELISA: Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed) [NBP1-71730] - ELISA results of purified Goat anti-Hamster IgG (H+L) Secondary Antibody [Unconjugated] (Pre-adsorbed) tested against purified Golden Syrian Hamster IgG and Armenian Hamster IgG. Each well was coated in duplicate with 1.0 ug of protein from different species. Golden Syrian Hamster IgG (Green Line), Armenian Hamster IgG (Red Line), Mouse IgG (Blue Line), and Rat IgG (Purple Line). The starting dilution of antibody was 5ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using Blocking buffer



Dot Blot: Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed) [NBP1-71730] - Dot Blot for Goat anti-Hamster IgG (H+L) Secondary Antibody [Texas Red] (Pre-adsorbed).
 Lane 1: 100 ng Hamster IgG.
 Lanes 2-5: serial dilution 3 fold of Antigen.
 Primary Antibody: none.
 Secondary Antibody: Goat anti-Hamster IgG (H+L) Secondary Antibody [Texas Red] (Pre-adsorbed) at 1:1000 dilution at RT for 1 hour.
 Block: Fluorescent blocking buffer at RT for 30 minutes.
 . Using the Texas Red format of this antibody.



Fluorophore-linked immunosorbent assay: Goat anti-Hamster IgG (H+L) Secondary Antibody (Pre-adsorbed) [NBP1-71730] - Using the DyLight 405 format of this antibody.



Publications

Liang Q, Zhang L, Wood RW Et al. Avian Reticuloendotheliosis Viral Oncogene Related B Regulates Lymphatic Endothelial Cells during Vessel Maturation and Is Required for Lymphatic Vessel Function in Adult Mice Am J Pathol 2019-09-21 [PMID: 31539516]

Details:

Citation using the DyLight 405 version of this antibody.

Anjuwon-Foster BR, Maldonado-Vazquez N, Tamayo R. Et al. Characterization of Flagellum and Toxin Phase Variation in Clostridioides difficile Ribotype 012 Isolates J Bacteriol 2018-05-09 [PMID: 29735765] (WB, WB)

Details:

Citation using the DyLight 800 version of this antibody.

Trzilova D, Anjuwon-Foster BR, Torres Rivera D, Tamayo R Rho factor mediates flagellum and toxin phase variation and impacts virulence in Clostridioides difficile PLoS Pathog. 2020-08-01 [PMID: 32785266] (Hamster)



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
nb-customerservice@bio-techne.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: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-71730

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

