

Product Datasheet

Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed) NB120-7155

Unit Size: 1 mg

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

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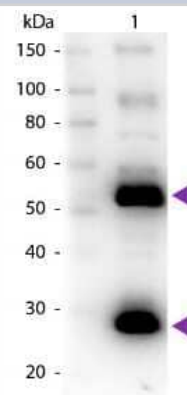


NB120-7155**Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed)**

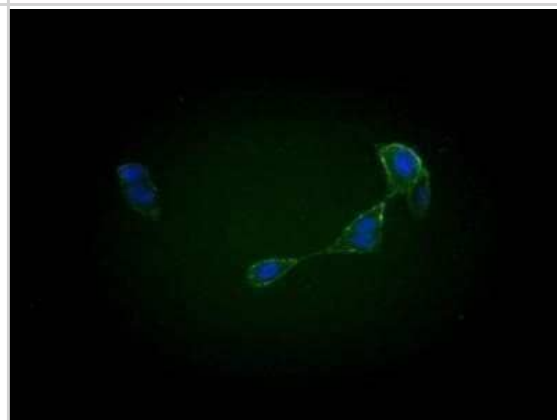
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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, Human IgG and Human Serum 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.
Host	Goat
Species	Human
Specificity/Sensitivity	This antibody was pre-adsorbed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Mouse, Rabbit, Rat, and Sheep Serum Proteins. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Mouse, Rabbit, Rat and Sheep Serum Proteins.
Immunogen	Human IgG whole molecule
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000-1:10000, Flow Cytometry, ELISA 1:25000-1:120000, Immunohistochemistry 1:1000 - 1:2000, Immunocytochemistry/Immunofluorescence
Application Notes	This product has been tested by ELISA and is suitable for western blot and immunohistochemistry, as well as other assays requiring lot-to-lot consistency. Use in Flow Cytometry was reported in the scientific literature (PMID: 23752205).

Images

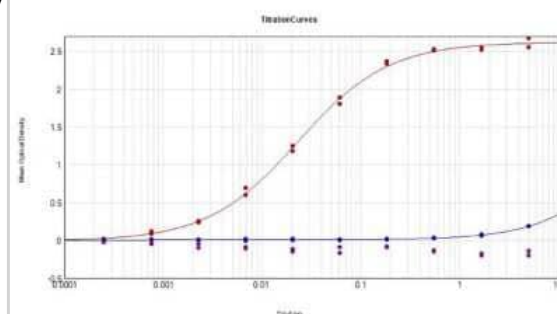
Western Blot: Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7155] - Lane 1: Human IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: Biotin conjugated goat anti-Human IgG 1:1,000 for 60 min at RT. Secondary antibody: Peroxidase Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Human IgG. Other band(s): None. Image using the Biotin format of this antibody.



Immunocytochemistry/Immunofluorescence: Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7155] - Human cancer cell line. Image from verified customer review.



ELISA: Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7155] - ELISA Results of Goat anti-Human IgG (H+L) Secondary antibody (Pre-adsorbed) tested against purified Human IgG MX10. Each well was coated in duplicate with 1.0 ug of Human IgG [Red Line], Bovine IgG [Blue Line], Chicken IgG (003-0102), Goat IgG [Purple Line], Guinea Porcine IgG, Hamster IgG, Equine IgG, Mouse IgG, Rabbit IgG, Rat IgG, Sheep IgG. The working dilution is 1:184,500. 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 Donkey Anti-Goat IgG HRP conjugated and TMB substrate.



Publications

Nestor-Kalinoski A, Smith-Edwards KM, Meerschaert K Et al. Unique Neural Circuit Connectivity of Mouse Proximal, Middle, and Distal Colon Defines Regional Colonic Motor Patterns Cell Mol Gastroenterol Hepatol 2021-09-12 [PMID: 34509687]

Details:

Citation using the DyLight 405 version of this antibody.

LeMaout J, Daouya M, Wu J et al. Synthetic HLA-G proteins for therapeutic use in transplantation FASEB J 2013-06-12 [PMID: 23752205] (FLOW)

Jiang D, Im HJ, Sun H et al. Radiolabeled pertuzumab for imaging of human epidermal growth factor receptor 2 expression in ovarian cancer Eur J Nucl Med Mol Imaging 2017-03-08 [PMID: 28265738] (WB)



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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.

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