

Product Datasheet

Goat anti-Human IgG (H+L) Secondary Antibody NBP2-60658

Unit Size: 2 mg

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

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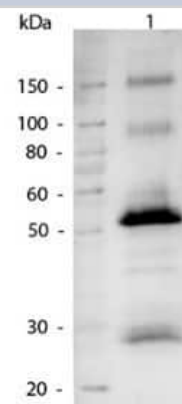
NBP2-60658**Goat anti-Human IgG (H+L) Secondary Antibody**

Product Information	
Unit Size	2 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	Immunogen affinity purified
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. 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
Immunogen	Goat anti-Human IgG (H+L) Secondary Antibody was produced by repeated immunization with Human IgG whole molecule in goat.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Flow Cytometry, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000-1:5000, Dot Blot
Application Notes	This product has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody based enzymatic assays requiring lot-to-lot consistency. Use in Flow Cytometry was reported in the scientific literature (PMID: 23752205).

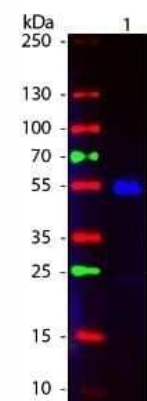


Images

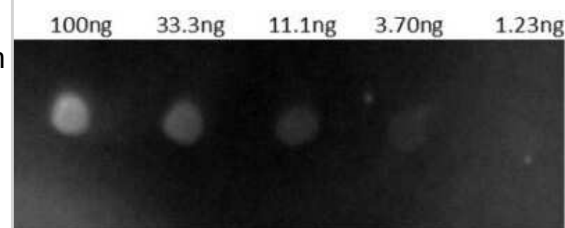
Western Blot: Goat anti-Human IgG (H+L) Secondary Antibody [NBP2-60658] - Lane 1: Human IgG. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Alkaline Phosphatase Human secondary antibody at 1:1,000 o/n at 4C. Block: incubated with blocking buffer for 30 min at RT. Reaction visualized using alkaline phosphatase for 30 seconds at RT. Predicted/Observed size: 50kDa, 25kDa for Human IgG. Image from the Alkaline Phosphatase version of this antibody.



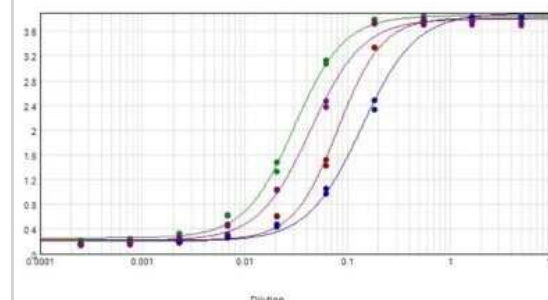
Western Blot: Goat anti-Human IgG (H+L) Secondary Antibody [NBP2-60658] - Lane 1: Human IgG. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Fluorescein goat secondary antibody at 1:1,000 for 60 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Human IgG. Other band(s): none. Image from the FITC version of this antibody.



Dot Blot: Goat anti-Human IgG (H+L) Secondary Antibody [NBP2-60658] - Dots are Human IgG: (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: none. Secondary Antibody: Goat Anti-Human IgG Antibody TRITC at 1ug/mL in blocking buffer 1hr RT. Imaged with BioRad ChemiDoc, Rhodamine filter. Image from the Rhodamine version of this antibody.



ELISA: Goat anti-Human IgG (H+L) Secondary Antibody [NBP2-60658] - ELISA results of purified Goat anti-Human IgG (H+L) Secondary Antibody [Biotin] tested against purified human IgG. Each well was coated in duplicate with 1.0 ug of human 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, Streptavidin HRP conjugate 1:10000, and TMB substrate.. Using the Biotin format of this antibody.



Publications

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



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Limitations

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