

Product Datasheet

Chicken anti-Human IgG (H+L) Secondary Antibody NB120-6713

Unit Size: 1 mg

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

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NB120-6713**Chicken anti-Human IgG (H+L) Secondary Antibody**

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

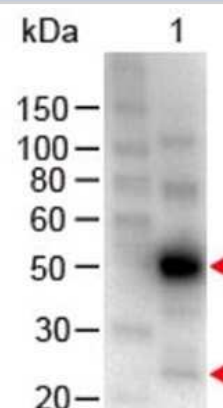
Product Description	
Description	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Chicken 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	Chicken
Species	Human
Immunogen	Human IgG whole molecule
Notes	Chicken products cannot be exported to Canada.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, 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 western blot and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

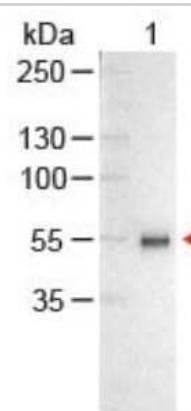


Images

Western Blot: Chicken anti-Human IgG (H+L) Secondary Antibody [NB120-6713] - Lane 1: Human IgG. Load: 100 ug per lane. Secondary antibody: Human IgG (H&L) Antibody Peroxidase conjugated at 1:1,000 for 60 min at RT. Blocking buffer for 30 min at RT. Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa. Image using the HRP format of this antibody.



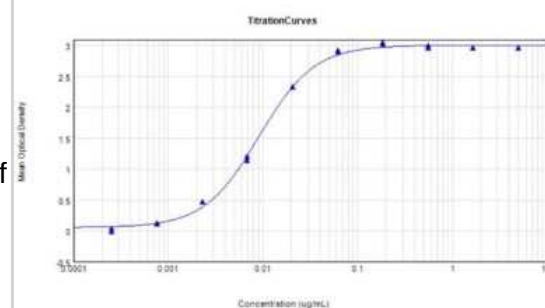
Western Blot: Chicken anti-Human IgG (H+L) Secondary Antibody [NB120-6713] - Lane 1: Human IgG Load: 100 ug per lane Secondary antibody: Human IgG (H&L) Antibody Alkaline Phosphatase conjugated at 1:1,000 for 60 min at RT. Blocking buffer for 30 min at RT Predicted/Observed size: 55 and 28 kDa, 55 kDa. Image using the Alkaline Phosphatase format of this antibody.



Dot Blot: Chicken anti-Human IgG (H+L) Secondary Antibody [NB120-6713] - Dot Blot of Chicken anti-Human IgG (H+L) Secondary Antibody [FITC]. Lane 1: 100ng. Lane 2: 33.3ng. Lane 3: 11.1ng. Lane 4: 3.7ng. Lane 5: 1.23ng. Chicken anti-Human IgG (H+L) Secondary Antibody [FITC] 1ug/ml. Blocked for 30 min at RT. Image from the FITC version of this antibody.



ELISA: Chicken anti-Human IgG (H+L) Secondary Antibody [NB120-6713] - ELISA Results of Purified Chicken anti-Human IgG (H+L) Secondary antibody tested against purified Human IgG. Each well was coated in duplicate with 10 ug of Human IgG. The working dilution of Anti-Human IgG is 1:110,000. 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 3% Fish Gel/PBS Blocking buffer, Goat Anti-Chicken IgG mx10 HRP conjugated and TMB substrate.





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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.

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

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