

Product Datasheet

Chicken anti-Mouse IgG (H+L) Secondary Antibody NB7593

Unit Size: 0.5 mg

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

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NB7593**Chicken anti-Mouse IgG (H+L) Secondary Antibody**

Product Information	
Unit Size	0.5 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

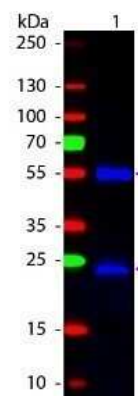
Product Description	
Description	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc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

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000
Application Notes	This product has been tested by ELISA and is designed for ELISA, western blotting, and Immunohistochemistry. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

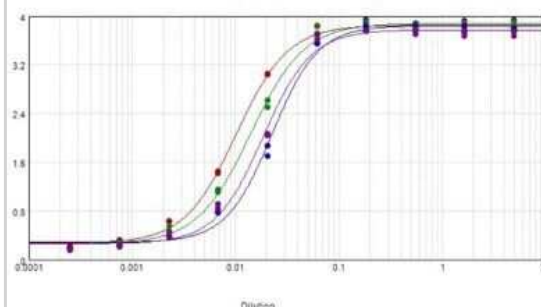


Images

Western Blot: Chicken anti-Mouse IgG (H+L) Secondary Antibody [NB7593] - Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein chicken secondary antibody at 1:1,000 for 60 min at RT. Blocking: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Mouse IgG. Other band(s): None. Image using the FITC form of this antibody.



ELISA: Chicken anti-Mouse IgG (H+L) Secondary Antibody [NB7593] - ELISA results of purified Chicken anti-Mouse IgG (H+L) Secondary Antibody [Biotin] tested against Mouse IgG. Each well was coated in duplicate with 1.0 ug of Mouse IgG (blue 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, and TMB substrate.. Using the Biotin format of this antibody.



Publications

Kok EH, Alanne-Kinnunen M, Isotalo K et al. CRP gene variation affects early development of Alzheimer's disease-related plaques J Neuroinflammation 2011-08-01 [PMID: 21831326]

Details:

This reference used the FITC version of NB7593.



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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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