

Product Datasheet

Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed) NB120-7134

Unit Size: 1 mg

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

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NB120-7134**Goat anti-Guinea Pig 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 Guinea Pig 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, Guinea Pig IgG and Guinea Pig 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	Guinea Pig
Specificity/Sensitivity	This antibody was pre-adsorbed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat, and Sheep Serum Proteins. No reaction was observed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins. Minimal cross reactivity was observed against the species listed above.
Immunogen	Guinea Pig IgG whole molecule
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:50000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Dot Blot
Application Notes	This product is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

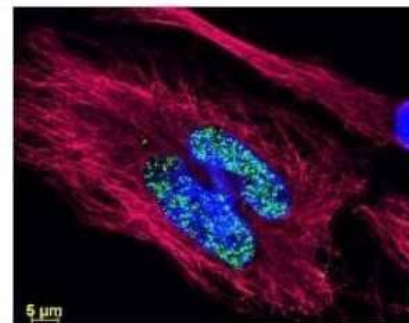


Images

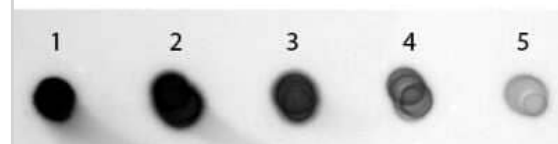
Western Blot: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7134] - Lane 1: Molecular Weigh Ladder. Lane 2: Guinea Pig IgG. Lane 3: Bovine Serum. Lane 4: Chicken Serum. Lane 5: Goat Serum. Lane 6: Hamster Serum. Lane 7: Horse Serum. Lane 8: Human Serum. Lane 9: Mouse Serum. Lane 10: Rabbit Serum. Lane 11: Rat Serum. Lane 12: Sheep Serum. Loading: 50ng IgG, Serum at 1:8 dilution. Incubated in blocking buffer for 30 min at RT. Secondary Antibody: NB120-7139. Image from the HRP version of this antibody.



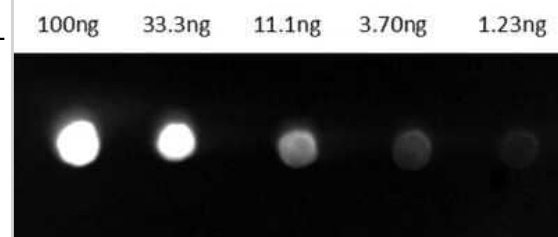
Immunocytochemistry/Immunofluorescence: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7134] - Immunocytochemistry/Immunofluorescence: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [DyLight 488] (Pre-absorbed) [NBP1-72854]



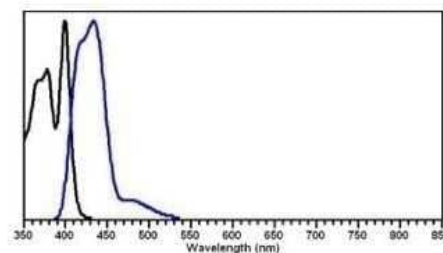
Dot Blot: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7134] - Load: Lane 1 - 200 ng Lane 2 - 66.67 ng Lane 3 - 22.22 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: none. Secondary antibody: Goat anti-Guinea Pig IgG Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Blocked with blocking buffer for 60 min at RT. Visualized using Alkaline Phosphatase Substrate for 30 seconds at RT. Image from the Alkaline Phosphatase version of this antibody.



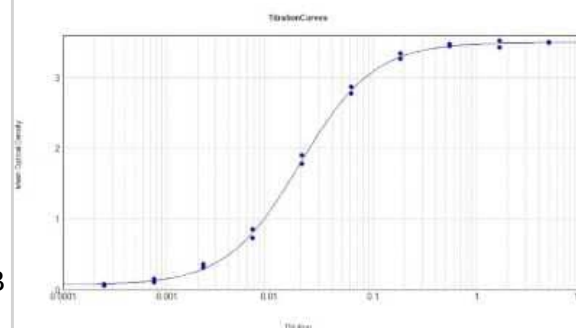
Dot Blot: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7134] - Dots are Guinea Pig IgG: (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: none. Secondary Antibody: Goat Anti-Guinea Pig IgG Antibody FITC at 1ug/mL in blocking buffer for 1hr at RT. Imaged with BioRad ChemiDoc, Fluorescein filter. Image from the FITC version of this antibody.



ELISA: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7134] - Using the DyLight 405 format of this antibody.



ELISA: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7134] - ELISA Results of Goat anti-Guinea Porcine IgG (H+L) Secondary antibody (Pre-adsorbed) tested against purified Guinea Porcine MX10. Each well was coated in duplicate with 1.0 ug of Guinea Porcine IgG. The working dilution is 1:51,000. 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 HRP Conjugation Stabilizer, Donkey Anti-Goat IgG HRP conjugated, and TMB substrate.



Publications

Lopez-Murcia FJ, Reim K, Jahn O et al. Acute Complexin Knockout Abates Spontaneous and Evoked Transmitter Release Cell Rep 2019-03-07 [PMID: 30840877] (ICC/IF)



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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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