

Product Datasheet

Donkey anti-Mouse IgG (H+L) Secondary Antibody (Pre-adsorbed) NB120-7056

Unit Size: 1 mg

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

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NB120-7056**Donkey anti-Mouse 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 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-Donkey 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	Donkey
Species	Mouse
Specificity/Sensitivity	This antibody was pre-adsorbed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat, and Sheep Serum Proteins. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins. Specificity was confirmed using ELISA at less than 1.0% cross reactivity against IgG proteins purified from the species listed above.
Immunogen	Donkey anti-Mouse IgG (H+L) Secondary Antibody (Pre-adsorbed) was produced by repeated immunization with Mouse IgG whole molecule in donkey.
Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Fluorophore-linked immunosorbent assay
Application Notes	Suitable for immunoblotting (western or dot blot), ELISA, electron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.



Images

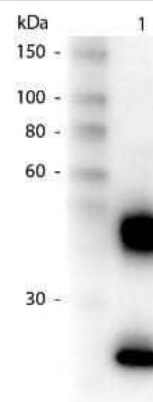
Western Blot: Donkey anti-Mouse IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7056] - Rabbit anti-Transferrin, Goat-anti-Alpha-1-Anti-Trypsin, and Mouse-a-GST. Detection shown was using DyLight549 Donkey anti-Rabbit IgG, DyLight 488 Donkey anti-Mouse IgG, and DyLight 649 Donkey anti-Goat IgG at 1:10000 (in blocking buffer min RT). Blots were washed, rinsed in methanol and dried. Image from the DyLight 488 version of this antibody.



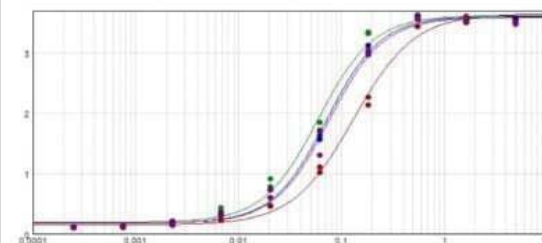
Immunocytochemistry/Immunofluorescence: Donkey anti-Mouse IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7056] - Using the DyLight 488 format of this antibody.



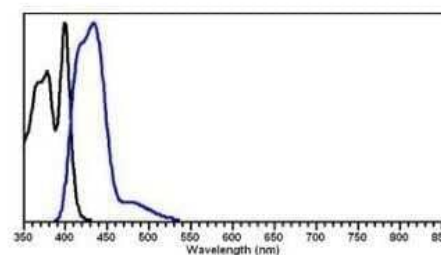
Western Blot: Donkey anti-Mouse IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7056] - Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Biotin donkey secondary antibody at 1:1,000 for 60 min at RT. Blocking: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Mouse IgG. Other band(s): None.



ELISA: Donkey anti-Mouse IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7056] - ELISA results of purified Donkey anti-Mouse IgG (H+L) Secondary Antibody [Alkaline Phosphatase] (Pre-adsorbed) tested against purified Mouse IgG. (Blue Line). Each well was coated in duplicate with 1.0 ug of antigen. 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. Using the Alkaline Phosphatase format of this antibody.



Fluorophore-linked immunosorbent assay: Donkey anti-Mouse IgG (H+L) Secondary Antibody (Pre-adsorbed) [NB120-7056] - Using the DyLight 405 format of this antibody.



Publications

Dovmark TH, Saccomano M, Hulikova A et al. Connexin-43 channels are a pathway for discharging lactate from glycolytic pancreatic ductal adenocarcinoma cells *Oncogene* 2017-04-04 [PMID: 28368405] (WB)

Karman J, Gumlaw NK, Zhang J et al. Proteasome inhibition is partially effective in attenuating pre-existing immunity against recombinant adeno-associated viral vectors *PLoS One* 2012-04-20 [PMID: 22514654] (ELISA, ELISA)



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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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