

Product Datasheet

Goat anti-Mouse IgG (H+L) Secondary Antibody NBP1-72702

Unit Size: 2 mg

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

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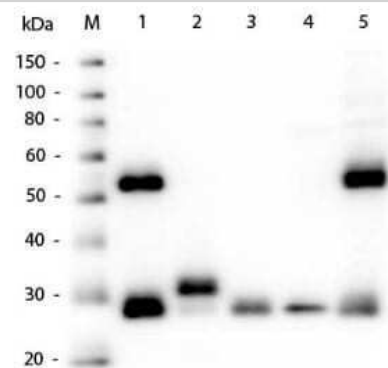
NBP1-72702**Goat anti-Mouse IgG (H+L) Secondary Antibody**

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 Mouse IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG and Mouse Serum. Store 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	Mouse
Immunogen	Goat anti-Mouse IgG (H+L) Secondary Antibody was produced by repeated immunization with Mouse IgG whole molecule in goat.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:3000 - 1:15000, Flow Cytometry, ELISA 1:25000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Dot Blot, Fluorophore-linked immunosorbent assay
Application Notes	This product is generated in goat detects specifically Mouse IgG whole molecule. This anti-Mouse IgG secondary antibody has been tested by ELISA and western blot and is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Specific conditions for reactivity and signal detection should be optimized by the end user.

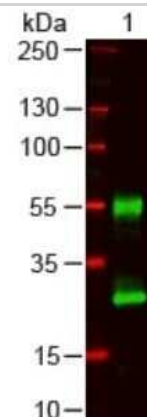


Images

Western Blot: Goat anti-Mouse IgG (H+L) Secondary Antibody [NBP1-72702] - Lane 1: Mouse IgG whole molecule. Lane 2: Mouse IgG F(c) Fragment. Lane 3: Mouse IgG F(ab) Fragment. Lane 4: Mouse IgM Kappa. Lane 5: Mouse Serum. Load: 50ng per lane. Block: incubated with blocking buffer for 30 min at RT. Primary Antibody: Anti-Mouse IgG (H&L) Antibody 1:1000 for 60 min at RT. Secondary antibody: HRP Donkey Anti-Goat IgG 1:40,000 for 30 min at RT. Predicted/Observed Size: 28 and 55 kDa for Mouse IgG, F(c), F(ab), IgM Kappa, and Serum. Mouse F(c) migrates slightly higher.



Western Blot: Goat anti-Mouse IgG (H+L) Secondary Antibody [NBP1-72702] - Lane 1: Mouse IgG. Lane 2: None. Load: 100 ng per lane. Primary Antibody: Mouse IgG (H&L) Antibody 1:1000 overnight at 4C. Secondary antibody: DyLight 800 goat secondary antibody at 1:20,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed Size: 28 and 55 kDa/28 and 55 kDa for Mouse IgG. Other band(s): none.



Dot Blot: Goat anti-Mouse IgG (H+L) Secondary Antibody [NBP1-72702] - Dot Blot of Goat anti-Mouse IgG (H+L) Secondary Antibody [Texas Red]. Lane 1: 100 ng. Lane 2: 33.3 ng. Lane 3: 11.1 ng. Lane 4: 3.7 ng. Lane 5: 1.23 ng. Blocked for 30 min at room temperature. Image from the Texas Red version of this antibody.



Publications

Saribas AS, DeVoto J, Golla A Et al. Discovery and characterization of novel trans-spliced products of human polyoma JC virus late transcripts from PML patients J Cell Physiol 2017-10-19 [PMID: 29044559]

Details:

Citation using the Rhodamine version of this antibody.



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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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