

Product Datasheet

Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody NBP1-72795

Unit Size: 1 mg

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

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Publications: 3

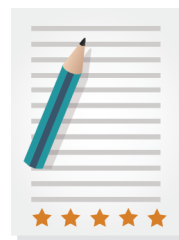
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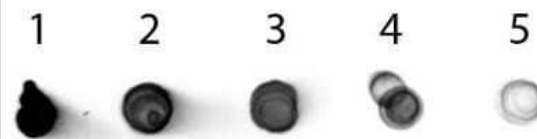


NBP1-72795**Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody**

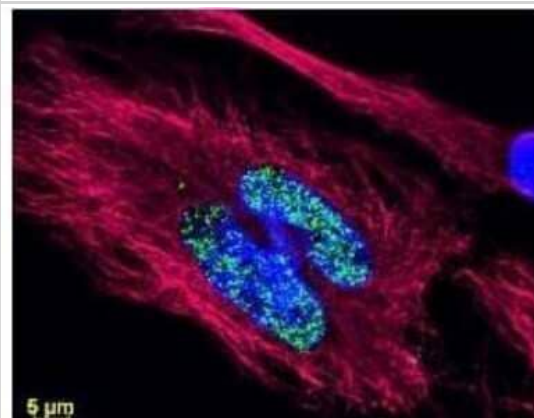
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
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 antigens 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-Rabbit Serum, Mouse Serum and Mouse IgG. 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	Rabbit
Species	Mouse
Immunogen	Mouse IgG2b heavy chain
Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen 1:1000 - 1:5000, Fluorophore-linked immunosorbent assay
Application Notes	This product has been tested by ELISA and is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

Images

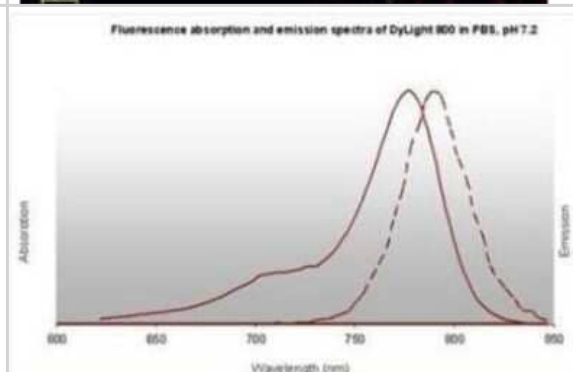
Western Blot: Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody [NBP1-72795] - Mouse IgG2b. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng.



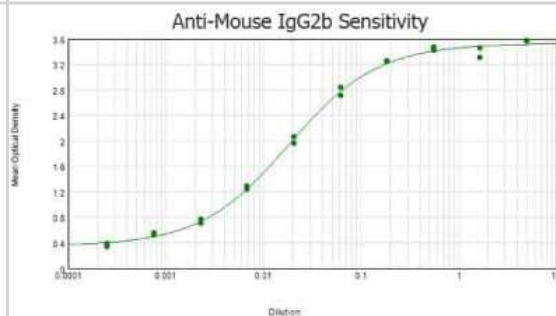
Immunocytochemistry/Immunofluorescence: Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody [NBP1-72795] - Immunocytochemistry/Immunofluorescence: Rabbit anti-Mouse IgG2b Secondary Antibody [DyLight 488] [NBP1-72892] Image from the DyLight 488 version of this antibody.



Fluorophore-linked immunosorbent assay: Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody [NBP1-72795] - Rabbit anti-Mouse IgG2b Antibody [DyLight 800] [NBP1-72916]



ELISA: Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody [NBP1-72795] - ELISA results of purified Rabbit anti-Mouse IgG2b Heavy Chain Secondary antibody tested against purified Mouse IgG2b. Each well was coated in duplicate with 1.0 ug of Mouse IgG2b. 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 gelatin as blocking buffer, Goat anti-Rabbit IgG Antibody Peroxidase Conjugated (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) and TMB substrate.



Publications

Lee H, Kim YI, Kim MJ Et al. Castor Oil Plant (*Ricinus communis* L.) Leaves Improve Dexamethasone-Induced Muscle Atrophy via Nrf2 Activation Front Pharmacol 2022-07-22 [PMID: 35865958] (IHC-Fr, Mouse)

Details:

Citation using the DyLight 405 version of this antibody.

Kim YI, Lee H, Nirmala FS Et al. Antioxidant Activity of *Valeriana fauriei* Protects against Dexamethasone-Induced Muscle Atrophy Oxid Med Cell Longev 2022-01-24 [PMID: 35069972] (IHC-P)

Details:

Citation using the DyLight 405 version of this antibody.

Lee H, Kim YI, Nirmala FS, et al Chrysanthemum zawadskii Herbich attenuates dexamethasone-induced muscle atrophy through the regulation of proteostasis and mitochondrial function Biomed Pharmacother 2021-01-23 [PMID: 33485066] (IHC-Fr, Mouse)

Details:

Citation using the DyLight 405 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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