

Product Datasheet

Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody [DyLight 405] NBP1-72922

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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Publications: 3

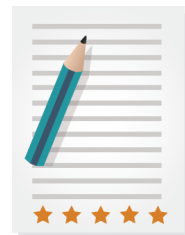
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NBP1-72922**Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody [DyLight 405]**

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent).
Isotype	IgG
Conjugate	DyLight 405
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. 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 IgG and Mouse Serum
Host	Rabbit
Species	Mouse
Specificity/Sensitivity	Minimal cross reactivity was noted against other Mouse immunoglobulin classes or subclasses.
Immunogen	Mouse IgG2b heavy chain
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, Fluorophore-linked immunosorbent assay, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:10000, Immunocytochemistry/ Immunofluorescence 1:5000, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Fluorophore-linked immunosorbent assay 1:20000



Application Notes

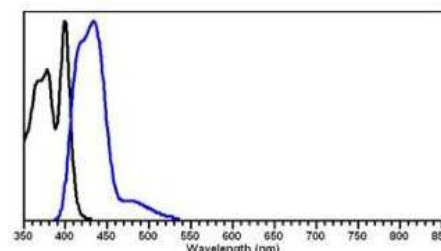
The emission spectra for this DyLight(TM) conjugate match the principle output wavelengths of most common fluorescence instrumentation. This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID:35069972)

Use in IHC-Fr reported in scientific literature (PMID:33485066)

Images

Fluorophore-linked immunosorbent assay: Rabbit anti-Mouse IgG2b Heavy Chain Secondary Antibody [DyLight 405] [NBP1-72922] - Rabbit anti-Mouse IgG2b Heavy Chain Secondary antibody [DyLight 405]

**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 zawadskil 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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