

Product Datasheet

Donkey anti-Rabbit IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) NBP1-75292

Unit Size: 1 mg

Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.

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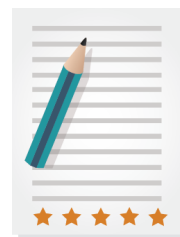
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NBP1-75292

Donkey anti-Rabbit IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed)

Product Information	
Unit Size	1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Reconstitution Instructions	Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily.
Isotype	IgG
Conjugate	DyLight 488
Purity	Affinity purified
Buffer	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free

Product Description	
Description	<p>Purity > 95% based on SDS-PAGE. Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian. After reconstituted, prepare fresh working dilution daily.</p> <p>Product is stable for up to 4 weeks at 2-8C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20C.</p>
Host	Donkey
Species	Rabbit
Reactivity Notes	Based on IEP, no reactivity is observed to non-immunoglobulin rabbit serum proteins and IgG from bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rat, or sheep
Specificity/Sensitivity	Based on IEP, this Donkey anti-Rabbit IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) heavy gamma chains on rabbit IgG and light chains on all rabbit immunoglobulins. This antibody has been pre-adsorbed against bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rat or sheep IgG
Immunogen	This Donkey anti-Rabbit IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) was developed against purified rabbit IgG (H&L).
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunomicroscopy
Recommended Dilutions	Flow Cytometry 1:20-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunomicroscopy 1:20-1:2000

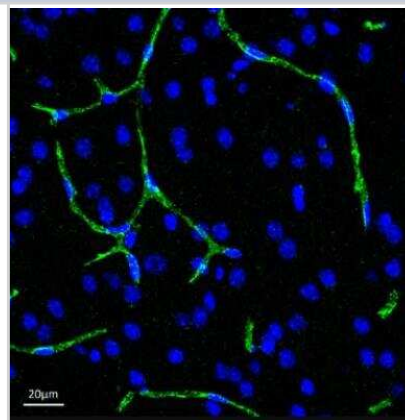
Application Notes

This conjugate is suitable for immunomicroscopy and flow cytometry.

Use in Immunohistochemistry (PMID: 28821924) and Immunohistochemistry-Paraffin (PMID: 31882863) was reported in the scientific literature. Donkey anti-Rabbit IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) validated for Immunocytochemistry/Immunofluorescence from a verified customer review.

Images

Immunocytochemistry/Immunofluorescence: Donkey anti-Rabbit IgG (H +L) Secondary Antibody [DyLight 488] (Pre-adsorbed) [NBP1-75292] - Brain endothelial cells were stained with anti-CD31 antibody (raised in rabbit) and then with NBP1-75292. After counterstaining with DAPI, image was acquired with confocal microscopy. Antibody dilution: 1:1000 for 2 hours at r.t. Image from verified customer review.

**Publications**

Makuch S, Kupczyk P, Makarec A et al. The Impact of Proinflammatory Cytokines and Imiquimod on GLUT1 in HaCaT Keratinocytes - a Potential Anti-Psoriatic Therapeutic Target? Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology 2023-03-22 [PMID: 36945896] (ICC/IF)

Bassiouni M, Smorodchenko A, Olze H, Szczepek AJ Identification and Characterization of TMEM119-Positive Cells in the Postnatal and Adult Murine Cochlea Brain sciences 2023-03-20 [PMID: 36979326] (ICC/IF)

Henning N The Ovary: Physical and Biochemical Properties Controlling Folliculogenesis Thesis 2022-01-01

Henning NF, LeDuc RD, Even KA et al. Proteomic analyses of decellularized porcine ovaries identified new matrisome proteins and spatial differences across and within ovarian compartments Sci Rep 2019-12-29 [PMID: 31882863] (IHC-P)

England CG, Jiang D, Ehlerding EB et al. (89)Zr-labeled nivolumab for imaging of T-cell infiltration in a humanized murine model of lung cancer Eur J Nucl Med Mol Imaging 2017-08-20 [PMID: 28821924] (IF/IHC)



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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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