

Product Datasheet

Donkey anti-Mouse IgG (H+L) Secondary Antibody [Cy5.5] (Pre-adsorbed) NBP1-73774

Unit Size: 1 mg

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

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NBP1-73774

Donkey anti-Mouse IgG (H+L) Secondary Antibody [Cy5.5] (Pre-adsorbed)

Product Information	
Unit Size	1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 0.1 ml deionized water.
Isotype	IgG
Conjugate	Cy5.5
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Host	Donkey
Species	Mouse
Specificity/Sensitivity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Mouse IgG and Mouse Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins.
Immunogen	Mouse IgG whole molecule
Notes	Emission Wavelength: 703, Excitation Wavelength: 678, Label Molecular Weight: 1,312, Restore with 1.0 mL of deionized water (or equivalent).

Product Application Details	
Applications	Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/Immunofluorescence 1:1000 - 1:5000, Fluorophore-linked immunosorbent assay 1:10000 - 1:50000
Application Notes	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.

Publications

Pervolarakis N Single cell sequencing analysis reveals mammary epithelial cell diversity and regulation Thesis 2021-01-01

QH Nguyen, N Pervolarak, K Blake, D Ma, RT Davis, N James, AT Phung, E Willey, R Kumar, E Jabart, I Driver, J Rock, A Goga, SA Khan, DA Lawson, Z Werb, K Kessenbroc Profiling human breast epithelial cells using single cell RNA sequencing identifies cell diversity Nat Commun, 2018-05-23;9(1):2028. 2018-05-23 [PMID: 29795293] (ICC/IF)





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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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