

Product Datasheet

Donkey anti-Goat IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) NB7590

Unit Size: 0.5 ml

Store at 4C in the dark. Do not freeze.

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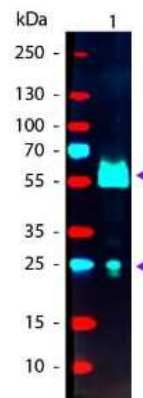
NB7590

Donkey anti-Goat IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed)

Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	PE
Purity	Multi-step
Buffer	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	<p>This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG 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-Phycoerythrin, anti-Donkey Serum, Goat IgG and Goat Serum</p>
Host	Donkey
Species	Goat
Specificity/Sensitivity	<p>This antibody was pre-adsorbed against Chicken, Guinea Pig, Hamster, Horse, Mouse, Rabbit, and Rat Serum Proteins.</p> <p>No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Mouse, Rabbit and Rat Serum Proteins.</p>
Immunogen	Goat IgG whole molecule
Product Application Details	
Applications	Western Blot, Dot Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry 1:100 - 1:250, Immunocytochemistry/Immunofluorescence 1:100 - 1:250, Dot Blot
Application Notes	<p>This product has been tested by dot blot and western blot and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 ug of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications. Specific conditions for reactivity should be optimized by the end user.</p>

Images

Western Blot: Donkey anti-Goat IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) [NB7590] - Western blot of Donkey anti-Goat IgG (H+L) Secondary antibody [PE] (Pre-adsorbed). Lane 1: Goat IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Donkey anti-Goat IgG (H+L) Secondary antibody [PE] (Pre-adsorbed) at 1:1,000 for 60 min at RT. Blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Goat IgG. Other band(s): None.



Dot Blot: Donkey anti-Goat IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) [NB7590]



Dot Blot of Donkey anti-Goat IgG Antibody Phycoerythrin Conjugated. Antigen: Goat IgG. Load: Lane 1 - 100 ng Lane 2 - 33.3 ng Lane 3 - 11.1 ng Lane 4 - 3.70 ng Lane 5 - 1.23 ng. Primary antibody: none. Secondary antibody: Donkey anti-Goat IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) at 1:1,000 for 60 min at RT. Block for 1 HR at RT.



Publications

Starr R, Aguilar B, Gumber D et al. Inclusion of 4-1BB Costimulation Enhances Selectivity and Functionality of IL13R α 2-Targeted Chimeric Antigen Receptor T Cells Cancer Research Communications 2023-01-17 [PMID: 36968221] (Flow Cytometry)

James J, Dekan A, Niihori M et al. Novel Populations of Lung Capillary Endothelial Cells and Their Functional Significance Research square 2023-05-03 [PMID: 37205391] (FLOW, IHC-P)

Schlotter F, de Freitas RCC, Rogers MA Et al. ApoC-III is a novel inducer of calcification in human aortic valves J Biol Chem 2020-12-18 [PMID: 33334888] (FLOW)

Details:

Citation using the PE version of this antibody.

Mahadev V, Starr R, Wright SL et al. Cytokine Induction of VCAM-1 but Not IL13R α 2 on Glioma Cells: A Tale of Two Antibodies PLoS ONE 2014-05-05 [PMID: 24787244] (FLOW)

Details:

This reference used the PE version of NBP2-60657.

Nishimura T, Hatoya S, Kanegi R et al. Generation of Functional Platelets from Canine Induced Pluripotent Stem Cells Stem Cells Dev 2013-02-14 [PMID: 23409943]

Details:

This reference used the PE version of NBP2-60657.





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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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