

Product Datasheet

Goat F(ab')₂ anti-Mouse IgG F(ab')₂ Secondary Antibody [PE] (Pre-adsorbed) NB120-5889

Unit Size: 0.25 mg

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

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NB120-5889Goat F(ab')₂ anti-Mouse IgG F(ab')₂ Secondary Antibody [PE] (Pre-adsorbed)

Product Information	
Unit Size	0.25 mg
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

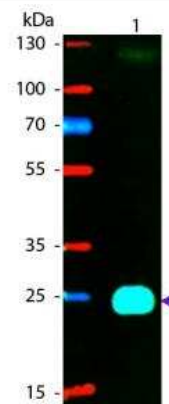
Product Description	
Description	<p>This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Mouse IgG, Mouse IgG F(ab')₂ and Mouse Serum</p>
Host	Goat
Species	Mouse
Specificity/Sensitivity	No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Mouse IgG F(c) or Bovine, Horse or Human Serum Proteins.
Immunogen	Mouse IgG F(ab') ₂ fragment

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100 - 1:500, Flow Cytometry 1:100 - 1:250, Immunocytochemistry/ Immunofluorescence 1:100 - 1:250
Application Notes	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 10 ⁶ 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.



Images

Western Blot: Goat F(ab')₂ anti-Mouse IgG F(ab')₂ Secondary Antibody [PE] (Pre-adsorbed) [NB120-5889] - Lane 1: Mouse Fab2. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Phycoerythrin goat secondary antibody at 1:1,000 for 60 min at RT. Blocking: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 kDa, 25 kDa for Mouse IgG F(ab')₂. Other band(s): None.





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Products Related to NB120-5889

NBP1-96816	Donkey IgG F(ab') ₂ Isotype Control [Biotin]
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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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