

# Product Datasheet

## Goat F(ab')2 anti-Rat IgG F(ab')2 Secondary Antibody [PE] (Pre-adsorbed)

### NB120-6519

Unit Size: 0.25 ml

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

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**NB120-6519**

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

**Product Information**

<b>Unit Size</b>	0.25 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	PE
<b>Purity</b>	Multi-step
<b>Buffer</b>	Lyophilized from 10 mM Sodium Phosphate 250 mM NaCl (pH 7.6), 15 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

**Product Description**

<b>Description</b>	<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 Rat 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, Rat IgG, Rat IgG F(ab')2 and Rat Serum</p>
<b>Host</b>	Goat
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(c) or Bovine, Horse and Human Serum Proteins.
<b>Immunogen</b>	Rat IgG F(ab')2 fragment

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200
<b>Application Notes</b>	Supplied in pH 7.6 buffer (10 mM Sodium Phosphate 250 mM NaCl) 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.



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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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