

Product Datasheet

Goat F(ab')₂ anti-Rat IgG Fc Secondary Antibody [FITC] (Pre-adsorbed) NB120-6253

Unit Size: 0.5 mg

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

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NB120-6253Goat F(ab')₂ anti-Rat IgG Fc Secondary Antibody [FITC] (Pre-adsorbed)

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.5 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Sodium Azide |
| Isotype | IgG |
| Conjugate | FITC |
| 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>For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room</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-Fluorescein, anti-Goat Serum, Rat IgG, Rat IgG F(c) and Rat Serum</p> |
| Host | Goat |
| Species | Rat |
| Specificity/Sensitivity | No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(ab) or Bovine, Horse and Human Serum Proteins. |
| Immunogen | Rat IgG F(c) fragment |
| Product Application Details | |
| Applications | Dot Blot, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry 1:500 - 1:2500, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000, Immunohistochemistry-Paraffin 1:50 - 1:200, Dot Blot, Fluorophore-linked immunosorbent assay 1:10000 - 1:50000 |
| Application Notes | This product has been tested by dot 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. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. |



Images

Dot Blot: Goat F(ab')₂ anti-Rat IgG Fc Secondary Antibody [FITC] (Pre-adsorbed) [NB120-6253] - Dot Blot results of Goat F(ab')₂ anti-Rat IgG Fc Secondary antibody [FITC] (Pre-adsorbed). Dots are Rat F(c) at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Blocking: 60 min at RT. Primary Antibody: none. Secondary Antibody: Goat F(ab')₂ Anti-Rat IgG Antibody FITC at 1ug/mL for 1hr at RT. Imaged with BioRad ChemiDoc, FITC filter.





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Products Related to NB120-6253

| | |
|------------|------------------------------|
| NBP1-96784 | Mouse IgG Fc Isotype Control |
|------------|------------------------------|

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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