

Product Datasheet

Goat F(ab')₂ anti-Mouse IgG Fc Secondary Antibody [Biotin] (Pre-adsorbed) NB120-5877

Unit Size: 0.25 mg

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

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NB120-5877Goat F(ab')₂ anti-Mouse IgG Fc Secondary Antibody [Biotin] (Pre-adsorbed)

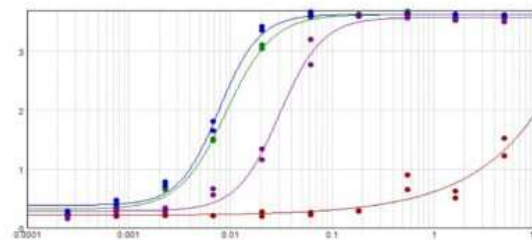
Product Information	
Unit Size	0.25 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	Biotin
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 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-Biotin, anti-Goat Serum, Mouse IgG, Mouse IgG F(c) 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 (ab) or Bovine, Horse and Human Serum Proteins.
Immunogen	Mouse IgG F(c) fragment

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Dot Blot
Application Notes	This product has been tested by ELISA and is assayed against 1.0 ug of Mouse IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

Images

ELISA: Goat F(ab')₂ anti-Mouse IgG Fc Secondary Antibody [Biotin] (Pre-adsorbed) [NB120-5877] - ELISA results of purified Goat F(ab')₂ anti-Mouse IgG Fc Secondary antibody [Biotin] (Pre-adsorbed) Min X Bv Hs & Hu Serum Proteins tested against purified Mouse IgG F(c) (Green Line). Each well was coated in duplicate with 1.0 ug of Mouse IgG F(c). The starting dilution of antibody was 5ug/ml and the X-axis represents the Log₁₀ of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC₅₀ is defined as the titer of the antibody. Assay performed using Blocking buffer, Streptavidin-HRP conjugated, and TMB substrate.





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Products Related to NB120-5877

NBP2-29370	Streptavidin Native Protein
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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