

Product Datasheet

Bovine IgG Fc Isotype Control NBP1-97044

Unit Size: 1 mg

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-97044

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-97044

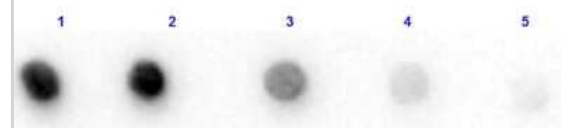


NBP1-97044**Bovine IgG Fc Isotype Control**

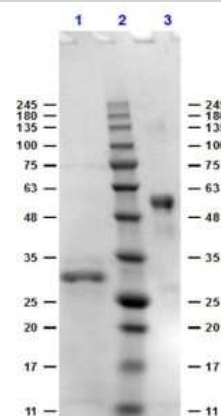
| Product Information | |
|------------------------------------|---|
| Unit Size | 1 mg |
| Concentration | Please contact technical services for concentration. |
| Storage | Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles. |
| Preservative | 0.01% Sodium Azide |
| Isotype | IgG |
| Purity | Multi-step |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Product Description | |
| Description | <p>This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and papain digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Bovine Serum, anti-Bovine IgG and anti-Bovine IgG F(c)</p> <p>Store vial at 4C prior to opening. This product is stable 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p> |
| Host | Bovine |
| Species | Bovine |
| Specificity/Sensitivity | No reaction was observed against anti-Bovine IgG F(ab') ₂ or anti-Papain. |
| Product Application Details | |
| Applications | Western Blot, Dot Blot, ELISA, SDS-Page |
| Recommended Dilutions | Western Blot, ELISA, Dot Blot, SDS-Page |
| Application Notes | This product has been tested in SDS-Page and Dot Blot and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments. |

Images

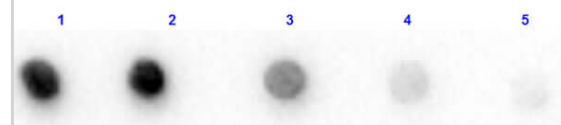
Dot Blot: Bovine IgG Fc Isotype Control [NBP1-97044] - Dot Blot of Bovine IgG Fc Fragment. Lane 1: 100 ng Bovine Fc. Lanes 2-5: serial dilution 3 fold of Antigen. Primary Antibody: Rabbit Anti-Bovine Fc at 1 ug/ml at RT for 1 hour. Secondary Antibody: Rabbit Secondary HRP Antibody at 1:70,000 for 30 min at RT. Block at RT for 30 minutes.



SDS-Page: Bovine IgG Fc Isotype Control [NBP1-97044] - SDS-PAGE for Bovine IgG Fc isotype control. Lane 1: 1ug Reduced Bovine Fc. Lane 2: MW ladder Opal pre-stained. Lane 3: 1ug Non-Reduced Bovine Fc. Coomassie Blue Stained.



Dot Blot of Bovine IgG Fc Isotype Control. Lane 1: 100 ng Bovine Fc. Lanes 2-5: serial dilution 3 fold of Antigen. Primary Antibody: Rabbit Anti-Bovine Fc





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-97044

| | |
|--------|---|
| NB7446 | Goat anti-Human IgG Fc Secondary Antibody |
|--------|---|

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-97044

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

