

Product Datasheet

TGF-beta 1 Antibody - IgG4SP, (Research Grade fresolimumab Biosimilar) - Low Endotoxin, Azide and BSA Free

NBP3-28822-100ug

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-28822

Updated 8/14/2025 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/NBP3-28822



NBP3-28822-100ug

TGF-beta 1 Antibody - IgG4SP, (Research Grade fresolimumab Biosimilar) - Low Endotoxin, Azide and BSA Free

Product Information

| | |
|------------------------------------|---|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at -20C in powder form. Store at -80C once reconstituted. |
| Clonality | Monoclonal |
| Preservative | No Preservative |
| Reconstitution Instructions | Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex. |
| Isotype | IgG4 |
| Purity | Protein A purified |
| Buffer | Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2) |

Product Description

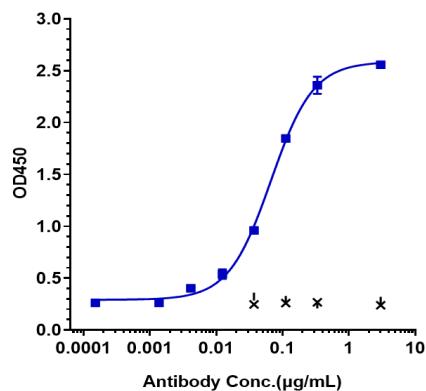
| | |
|-----------------------|--|
| Description | <p>The heavy chain type is hulgG4SP, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'fresolimumab'.</p> <p>IgG4SP is human IgG4 with S228P mutation.</p> <p>This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. -80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p> |
| Host | Human |
| Gene ID | 7040 |
| Gene Symbol | TGFB1 |
| Species | Human |
| Immunogen | TGFb1 |
| Endotoxin Note | < 0.001EU/ug,determined by LAL method. |

Product Application Details

| | |
|------------------------------|-----------------------------------|
| Applications | ELISA, Flow Cytometry, Functional |
| Recommended Dilutions | Flow Cytometry, ELISA, Functional |

Images

Immobilized human Latent TGF beta 1/TGFB 1, His Tag at 2 ug/mL can bind TGF-beta 1 Antibody (fresolimumab) - IgG4SP, EC50=0.06648 ug/mL.





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 NBP3-28822-100ug

| | |
|-------------------|---|
| G-102-C | Goat anti-Human IgG Secondary Antibody [Unconjugated] |
| NB7446 | Goat anti-Human IgG Fc Secondary Antibody |
| DDXCH04P-100 | Human IgG4 Isotype Control |
| NBP2-51925-0.05mg | Recombinant Mouse TGF-beta 1 His Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies 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/NBP3-28822

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