

Product Datasheet

Testosterone Antibody (4E1G2)

NBP2-45187-0.1mg

Unit Size: 0.1 mg

Store at 4C.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-45187

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/NBP2-45187



NBP2-45187-0.1mg

Testosterone Antibody (4E1G2)

| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 0.1 mg |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | 4E1G2 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 288.42 kDa |

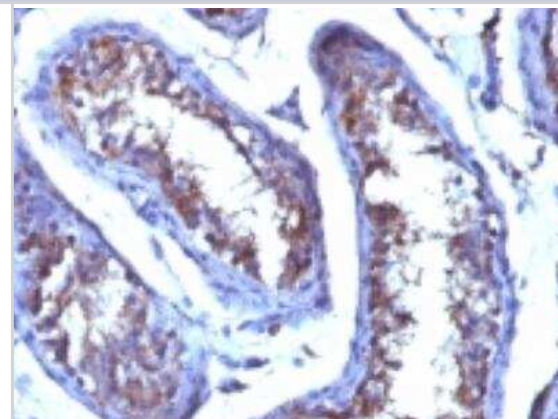
| Product Description | |
|-------------------------|---|
| Description | <p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-11603)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p> |
| Host | Mouse |
| Species | Non-species specific |
| Specificity/Sensitivity | This monoclonal antibody is highly specific to testosterone. Its affinity constant for testosterone is $\sim 10^{10} \text{M}^{-1}$. In competitive binding immunoassay, it reacts with testosterone 100%, 11-beta-hydroxy testosterone 3.3%, 17-alpha-methyl testosterone |
| Immunogen | Testosterone 3 CMO conjugated to BSA |

| Product Application Details | |
|-----------------------------|---|
| Applications | ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay |
| Recommended Dilutions | ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin 0.25-0.5 ug/ml, Radioimmunoassay |
| Application Notes | <p>ELISA: For coating, order Ab without BSA.</p> <p>Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.</p> <p>Optimal dilution for a specific application should be determined.</p> |



Images

Immunohistochemistry-Paraffin: Testosterone Antibody (4E1G2) [NBP2-45187] - Formalin-fixed, paraffin-embedded human testicular carcinoma stained with Testosterone monoclonal antibody (4E1G2).



Publications

Dinko Hauptman, Marta Himmelreich Perić, Tihana Marić, Ana Katušić Bojanac, Nino Sinčić, Zoran Zimak, Željko Kaštelan, Davor Ježek, Renata Walczak-Jedrzejowska, Małgorzata Piasecka, Jolanta Słowikowska-Hilczer Leydig Cells in Patients with Non-Obstructive Azoospermia: Do They Really Proliferate? Life 2021-11-19 [PMID: 34833142]



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 NBP2-45187-0.1mg

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| KGE010 | Testosterone [Biotin] |

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/NBP2-45187

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

