

Product Datasheet

Dihydrofolate Reductase/DHFR Antibody (JE31-05) NBP3-32268

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-32268

Updated 9/9/2025 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/NBP3-32268



NBP3-32268

Dihydrofolate Reductase/DHFR Antibody (JE31-05)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE31-05
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	21.5 kDa

Product Description	
Description	Novus Biologicals Rabbit Dihydrofolate Reductase/DHFR Antibody (JE31-05) (NBP3-32268) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1719
Gene Symbol	DHFR
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Dihydrofolate Reductase/DHFR aa 88-187 / 187. (Uniprot: P00374)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200



Images

Western Blot: Dihydrofolate Reductase/DHFR Antibody (JE31-05) [NBP3-32268] - Western blot analysis of Dihydrofolate Reductase/DHFR on different lysates with Rabbit anti-Dihydrofolate Reductase/DHFR antibody (NBP3-32268) at 1/1,000 dilution.

Lane 1: HCT116 cell lysate (15 ug/Lane)
 Lane 2: HeLa cell lysate (15 ug/Lane)
 Lane 3: U-2 OS cell lysate (15 ug/Lane)
 Lane 4: K-562 cell lysate (15 ug/Lane)
 Lane 5: MCF7 cell lysate (15 ug/Lane)
 Lane 6: HEK-293 cell lysate (15 ug/Lane)
 Lane 7: Jurkat cell lysate (15 ug/Lane)
 Lane 8: HepG2 cell lysate (15 ug/Lane)
 Lane 9: LO2 cell lysate (15 ug/Lane)
 Lane 10: Mouse liver tissue lysate (30 ug/Lane)
 Lane 11: Rat liver tissue lysate (30 ug/Lane)

Predicted band size: 21.5 kDa
 Observed band size: 21.5 kDa

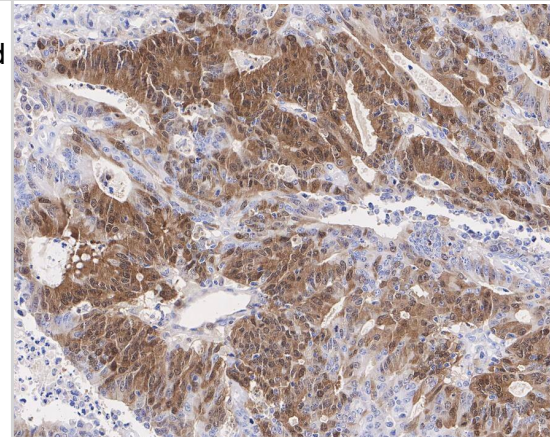
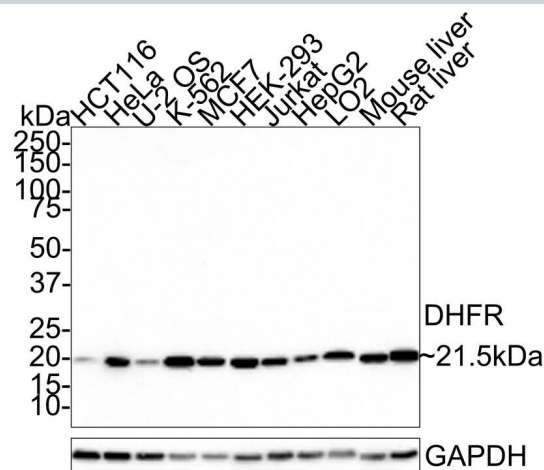
Exposure time: 1 minute;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32268) at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Dihydrofolate Reductase/DHFR Antibody (JE31-05) [NBP3-32268] - Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Dihydrofolate Reductase/DHFR antibody (NBP3-32268) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32268) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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 NBP3-32268

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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/NBP3-32268

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

