

Product Datasheet

Dityrosine Antibody (7D4) - BSA Free NBP2-59360

Unit Size: 100 ug

Store at -20C.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-59360

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/NBP2-59360



NBP2-59360

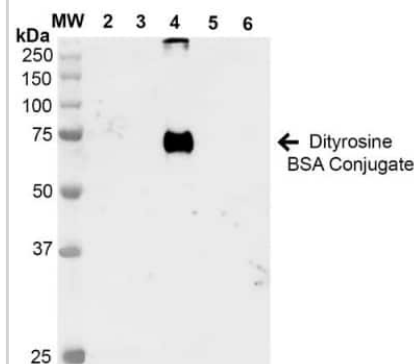
Dityrosine Antibody (7D4) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	7D4
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Dityrosine Antibody (7D4) - BSA Free (NBP2-59360) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Dityrosine Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	Specific for dityrosine modified proteins. Does not cross-react with 3,5-dibromotyrosine or bromotyrosine modified proteins.
Immunogen	Synthetic Dityrosine conjugated to Keyhole Limpet Hemocyanin (KLH).
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, ELISA 1:1000, Immunocytochemistry/ Immunofluorescence 1:50

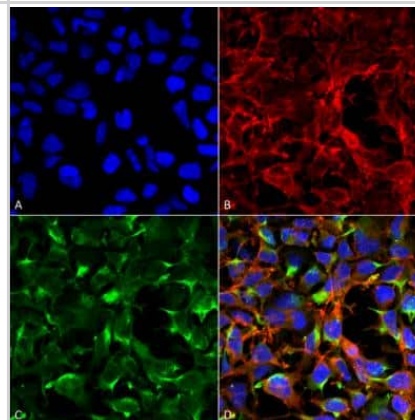


Images

Western Blot: Dityrosine Antibody (7D4) [NBP2-59360] - Western Blot analysis of Dityrosine-BSA Conjugate showing detection of 67 kDa Dityrosine protein using Mouse Anti-Dityrosine Monoclonal Antibody, Clone 7D4 (NBP2-59360). Lane 1: Molecular Weight Ladder (MW). Lane 2: BSA. Lane 3: 3,5-Dibromotyrosine-BSA. Lane 4: Dityrosine-BSA. Lane 5: Bromotyrosine-BSA. Lane 6: 7-ketocholesterol-BSA. Load: 1 ug. Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-Dityrosine Monoclonal Antibody (NBP2-59360) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 67 kDa.



Immunocytochemistry/Immunofluorescence: Dityrosine Antibody (7D4) [NBP2-59360] - Tissue: Embryonic kidney cells (HEK293) cultured overnight with 50 uM H₂O₂. Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-Dityrosine Monoclonal Antibody at 1:50 for 30-60 min at RT. Secondary Antibody: Goat Anti-Mouse Alexa Fluor 488 at 1:1500 for 30-60 min at RT. Counterstain: Phalloidin Alexa Fluor 633 F-Actin stain; DAPI (blue) nuclear stain at 1:250, 1:50000 for 30-60 min at RT. Localization: Cytoplasmic. Magnification: 20X (2X Zoom). (A) DAPI (blue) nuclear stain. (B) Phalloidin Alex Fluor 633 F-Actin stain. (C) Dityrosine Antibody (D) Composite. Courtesy of: Dr. Robert Burke, University of Victoria.



Publications

Ziegler K, Kunert AT, Reinmuth-Selzle K et al. Chemical modification of pro-inflammatory proteins by peroxynitrite increases activation of TLR4 and NF-kappa B: Implications for the health effects of air pollution and oxidative stress Redox Biol 2020-07-20 [PMID: 32739154] (WB)



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 NBP2-59360

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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/NBP2-59360

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

