

Product Datasheet

Glyoxalase I Antibody (9F11) - BSA Free NBP2-59369

Unit Size: 100 ug

Store at -20C.

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NBP2-59369

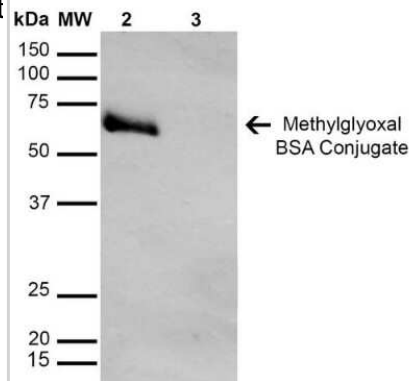
Glyoxalase I Antibody (9F11) - BSA Free

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	9F11
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Glyoxalase I Antibody (9F11) - BSA Free (NBP2-59369) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2739
Gene Symbol	GLO1
Species	Non-species specific
Specificity/Sensitivity	Specific for Methylglyoxal modified proteins. Does not detect free Methylglyoxal. Does not cross-react with Acrolein, Hexanoyl Lysine, Malondialdehyde, 4-Hydroxy-2-hexenal, 4-Hydroxy nonenal, or Crotonaldehyde modified proteins.
Immunogen	Synthetic Methylglyoxal modified Keyhole Limpet Hemocyanin (KLH).
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:50, ELISA 1:1000, Immunocytochemistry/ Immunofluorescence 1:50

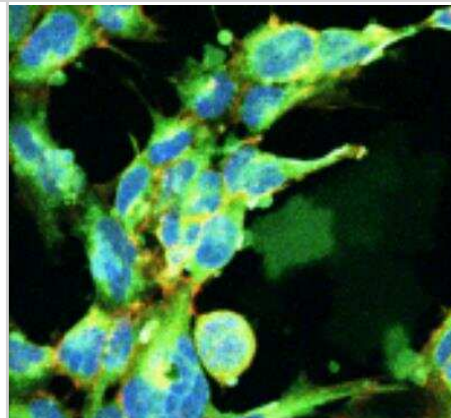


Images

Western Blot: Glyoxalase I Antibody (9F11) [NBP2-59369] - Western Blot analysis of Glyoxalase I-BSA Conjugate showing detection of 67 kDa Glyoxalase I protein using Mouse Anti-Glyoxalase I Monoclonal Antibody, Clone 9F11 (NBP2-59369). Lane 1: Molecular Weight Ladder (MW). Lane 2: Glyoxalase I-BSA. Lane 3: BSA. Load: 0.5 ug. Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-Glyoxalase I Monoclonal Antibody (NBP2-59369) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 67 kDa.



Immunocytochemistry/Immunofluorescence: Glyoxalase I Antibody (9F11) [NBP2-59369] - Tissue: Embryonic kidney cells (HEK293). Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-Methylglyoxal 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. Magnification: 20X (2X Zoom Courtesy of: Dr. Robert Burke, University of Victoria).



Flow Cytometry: Glyoxalase I Antibody (9F11) [NBP2-59369] - Flow Cytometry analysis using Mouse Anti-Glyoxalase I Monoclonal Antibody, Clone 9F11 (NBP2-59369). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 90% Methanol. Primary Antibody: Mouse Anti-Glyoxalase I Monoclonal Antibody (NBP2-59369) at 1:50 for 30 min on ice. Secondary Antibody: Goat Anti-Mouse: PE at 1:100 for 20 min at RT. Isotype Control: Non Specific IgG. Cells were subject to oxidative stress by treating with 250 M H₂O₂ for 24 hours.





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 NBP2-59369

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
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.

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