Product Datasheet

Malondialdehyde Antibody (6H6) - BSA Free
NBP2-59366

Unit Size: 100 ug

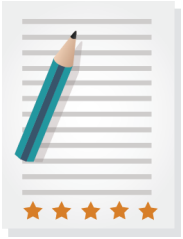
Store at -20C.

www.novusbio.com technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-59366

Updated 9/9/2025 v.20.1



NBP2-59366

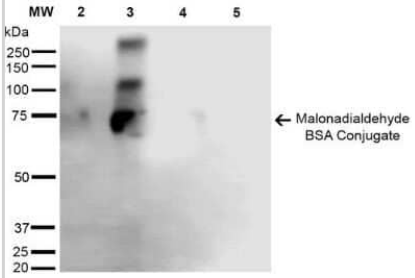
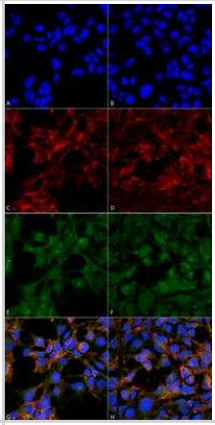
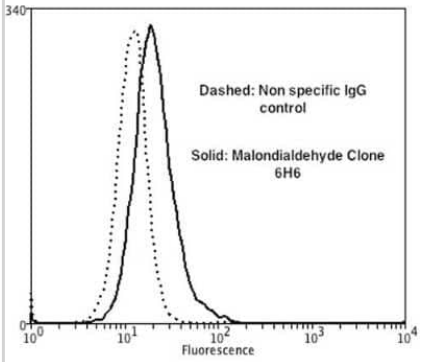
Malondialdehyde Antibody (6H6) - BSA Free

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	6H6
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description	
Description	Novus Biologicals Mouse Malondialdehyde Antibody (6H6) - BSA Free (NBP2-59366) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-Malondialdehyde Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	Specific for Malondialdehyde conjugated proteins. Does not detect free Malondialdehyde. Does not cross-react with Acrolein, Crotonaldehyde, Hexanoyl Lysine, 4-Hydroxy-2-hexenal, 4-Hydroxy nonenal, or Methylglyoxal modified proteins.
Immunogen	Synthetic Malondialdehyde 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: Malondialdehyde Antibody (6H6) [NBP2-59366] - Western Blot analysis of Malondialdehyde-BSA Conjugate showing detection of 67 kDa Malondialdehyde protein using Mouse Anti-Malondialdehyde Monoclonal Antibody, Clone 6H6 (NBP2-59366). Lane 1: Molecular Weight Ladder (MW). Lane 2: Malondialdehyde-BSA (0.5 ug). Lane 3: Malondialdehyde-BSA (2.0 ug). Lane 4: BSA (0.5 ug). Lane 5: BSA (2.0 ug) . Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-Malondialdehyde Monoclonal Antibody (NBP2-59366) 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: Malondialdehyde Antibody (6H6) [NBP2-59366] - Tissue: Embryonic kidney cells (HEK293). Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-Malondialdehyde 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). (A,C,E,G) - Untreated. (B,D,F,H) - Cells cultured overnight with 50 uM H2O2. (A,B) DAPI (blue) nuclear stain. (C,D) Phalloidin Alex Fluor 633 F-Actin stain. (E,F) Malondialdehyde Antibody. (G,H) Composite. Courtesy of: Dr. Robert Burke, University of Victoria.	
Flow Cytometry: Malondialdehyde Antibody (6H6) [NBP2-59366] - Flow Cytometry analysis using Mouse Anti-Malondialdehyde Monoclonal Antibody, Clone 6H6 (NBP2-59366). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 90% Methanol. Primary Antibody: Mouse Anti-Malondialdehyde Monoclonal Antibody (NBP2-59366) 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.	

Publications

Tang W, Chai W, Du D et al. The lncRNA-AK046375 Upregulates Metallothionein-2 by Sequestering miR-491-5p to Relieve the Brain Oxidative Stress Burden after Traumatic Brain Injury Oxidative medicine and cellular longevity 2022 -02-16 [PMID: 35222805] (WB)

Zhang J, Tucker LD, DongYan et al. Tert-butylhydroquinone post-treatment attenuates neonatal hypoxic-ischemic brain damage in rats Neurochem. Int. 2018-03-09 [PMID: 29530758] (ICC/IF)

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 NBP2-59366

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)
NBP3-24516	Malondialdehyde Assay Kit (Colorimetric)

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/NBP2-59366

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