

Product Datasheet

HMGB1/HMG-1 Antibody (19N12A1) - BSA Free NBP2-27400

Unit Size: 0.1 mg

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

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NBP2-27400

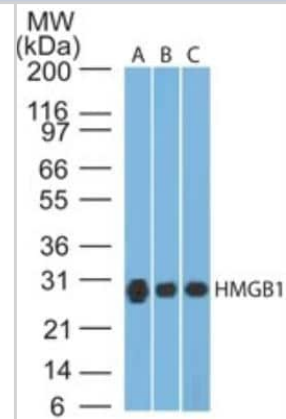
HMGB1/HMG-1 Antibody (19N12A1) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	19N12A1
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse HMGB1/HMG-1 Antibody (19N12A1) - BSA Free (NBP2-27400) is a monoclonal antibody validated for use in WB, Flow and Simple Western. Anti-HMGB1/HMG-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3146
Gene Symbol	HMGB1
Species	Human, Mouse
Specificity/Sensitivity	This antibody recognizes both B box domain (amino acids 88-162) and full length HMGB1 protein.
Immunogen	Full-length recombinant human HMGB1 was used as the immunogen.
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Simple Western 1:100, Flow Cytometry reported in scientific literature (PMID 29601597)
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in HeLa lysate 1.0 mg/mL, separated by Size, antibody dilution of 1:100, apparent MW was 35 kDa.

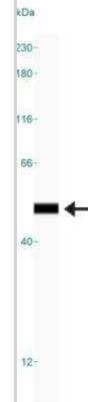


Images

Western Blot: HMGB1/HMG-1 Antibody (19N12A1) [NBP2-27400] - Analysis using HMGB1 antibody. A) Full-length human HMGB1 protein, B) human HeLa cell lysate and C) mouse NIH 3T3 cell lysate were probed with HMGB1 antibody at 2 ug/mL. Goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Simple Western: HMGB1/HMG-1 Antibody (19N12A1) [NBP2-27400] - Image shows a specific band for HMGB1 in 1.0 mg/mL of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Coleman LG Jr, Maile R, Jones SW et al. HMGB1/IL-1beta complexes in plasma microvesicles modulate immune responses to burn injury. PLoS One 2018-03-30 [PMID: 29601597] (FLOW, Mouse)



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 NBP2-27400

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]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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