

Product Datasheet

HMGB1/HMG-1 Antibody (1B11)

H00003146-M03

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00003146-M03

Updated 7/16/2023 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/H00003146-M03



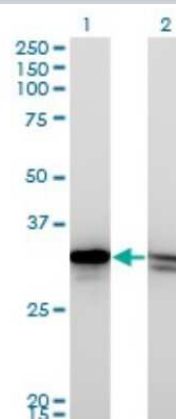
H00003146-M03**HMGB1/HMG-1 Antibody (1B11)**

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3146
Gene Symbol	HMGB1
Species	Human
Specificity/Sensitivity	HMGB1 - high-mobility group box 1
Immunogen	HMGB1 (AAH03378.1, 1 a.a. ~ 215 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGKGDPPKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKT MSAKEKGKFEDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPKRPPSAFFL FCSEYRPMKIGEHPLSIGDVAKKLGEMWNNTAADDKQPYEKKAACLKEKYEK DIAAYRAKGKPDAAKKGVVKAESKSKKKKEEEDEEDEDEDEDEDEDEDEDE DDDDE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P, IF and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 23712570).

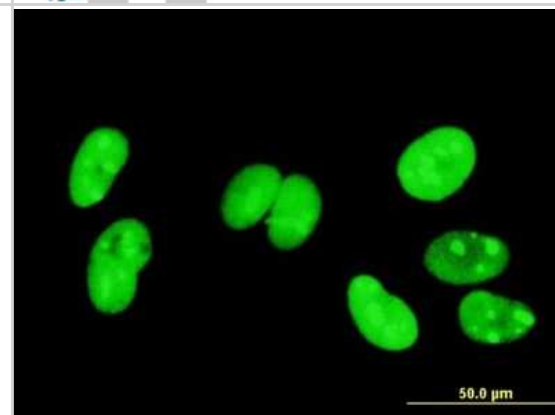


Images

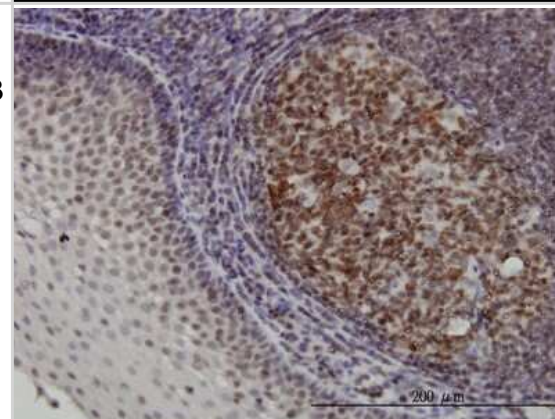
Western Blot: HMGB1/HMG-1 Antibody (1B11) [H00003146-M03] - Analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M03), clone 1B11. Lane 1: HMGB1 transfected lysate (25 KDa). Lane 2: Non-transfected lysate.



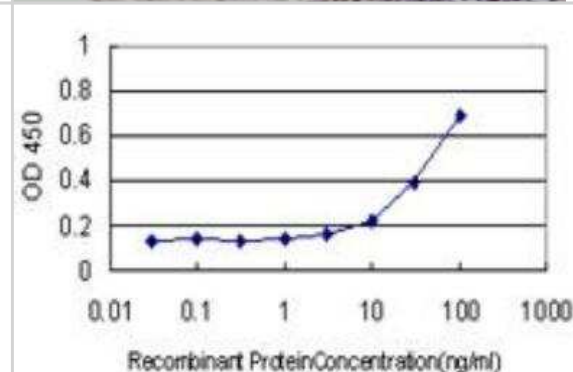
Immunocytochemistry/Immunofluorescence: HMGB1/HMG-1 Antibody (1B11) [H00003146-M03] - Analysis of monoclonal antibody to HMGB1 on HeLa cell. Antibody concentration 10 ug/ml



Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (1B11) [H00003146-M03] - Analysis of monoclonal antibody to HMGB1 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml



ELISA: HMGB1/HMG-1 Antibody (1B11) [H00003146-M03] - Detection limit for recombinant GST tagged HMGB1 is approximately 3ng/ml as a capture antibody.



Publications

Ku SK, Zhou W, Lee W et al. Anti-inflammatory effects of hyperoside in human endothelial cells and in mice. Inflammation 2014-08-06 [PMID: 25097077]

Franciosi L, Govorukhina N, Fusetti F et al. Proteomic analysis of human Epithelial Lining Fluid by microfluidics-based nanoLC-MS/MS: a feasibility study. Electrophoresis 2013-09-01 [PMID: 23712570] (IF/IHC, Human)



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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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/H00003146-M03

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

