

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.

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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

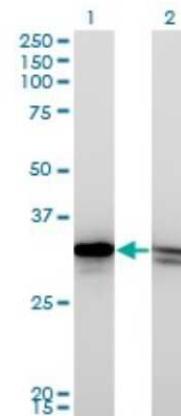
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3146
Gene Symbol	HMGB1
Species	Human
Specificity/Sensitivity	HMGB1 - high-mobility group box 1
Immunogen	HMGB1 (AAH03378.1, 1 a.a. ~ 215 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa. MGKGDPKKPRGKMSSYAFFVQTCREEHKKHPDASVNFSKKSERWKT MSAKEKGKFEDMAKADKARYEREMKTYIPPKGETKKFKDPNAPKRPPSAFFL FCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKKAKLKEKYEK DIAAYRAKGKPDAAKKGVVKAEKSKKKEEEEDEEDEEDEEEDEEDEDEEE DDDDE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

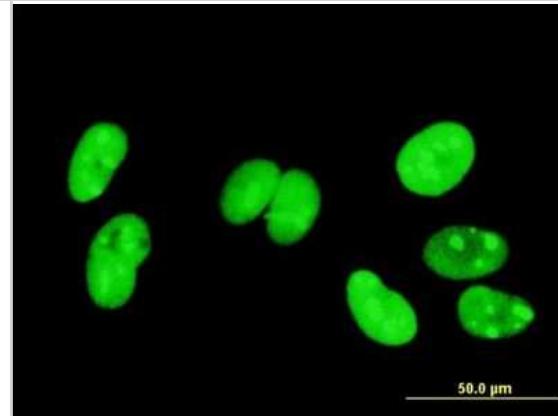
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application 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

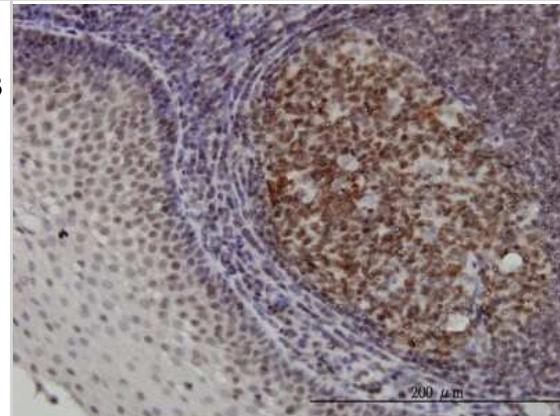
Western Blot: HMGB1/HMG-1 Antibody (1B11) [H00003146-M03] - Analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M03), clone 1B11. Lane 1: HMGB1 transfected lysate (25 KDa). Lane 2: Non-transfected lysate.



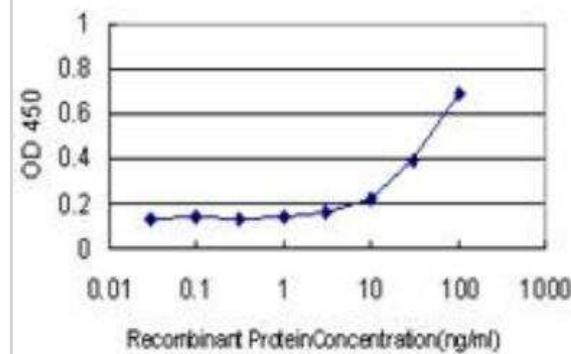
Immunocytochemistry/Immunofluorescence: HMGB1/HMG-1 Antibody (1B11) [H00003146-M03] - Analysis of monoclonal antibody to HMGB1 on HeLa cell. Antibody concentration 10 ug/ml



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)



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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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