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HMGB1 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant HMGB1.
Catalog # AT2385a

Product Information

Application	WB, IHC, IF, E
Primary Accession	P09429
Other Accession	NM_002128
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2F6
Calculated MW	24894

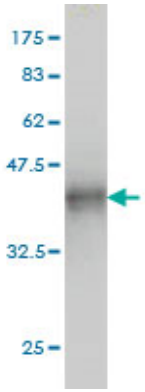
Additional Information

Gene ID	3146
Other Names	High mobility group protein B1, High mobility group protein 1, HMG-1, HMGB1, HMG1
Target/Specificity	HMGB1 (NP_002119, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HMGB1 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

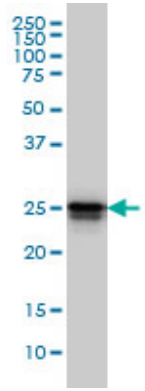
References

1.The Anti-Inflammatory Activity of HMGB1 A Box Is Enhanced When Fused with C-Terminal Acidic Tail.Gong W, Zheng Y, Chao F, Li Y, Xu Z, Huang G, Gao X, Li S, He F.J Biomed Biotechnol. 2010;2010:915234. Epub 2010 Apr 1.2.Functional dissection of an IFN-alpha/beta receptor 1 promoter variant that confers higher risk to chronic hepatitis B virus infection.Zhou J, Huang JD, Poon VK, Chen DQ, Chan CC, Ng F, Guan XY, Watt RM, Lu L, Yuen KY, Zheng BJ.J Hepatol. 2009 Aug;51(2):322-32. Epub 2009 May 3.

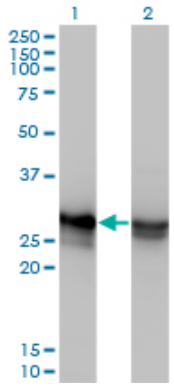
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.64 KDa) .

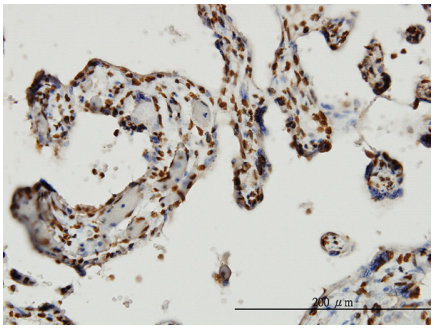


HMGB1 monoclonal antibody (M08), clone 2F6 Western Blot analysis of HMGB1 expression in Hela S3 NE ((Cat # AT2385a)

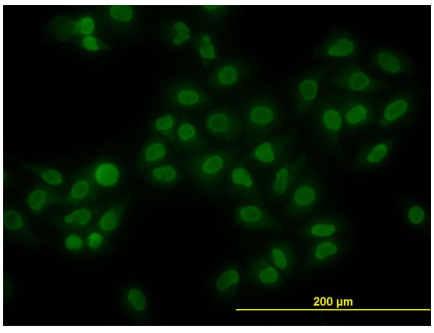


Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M08), clone 2F6.

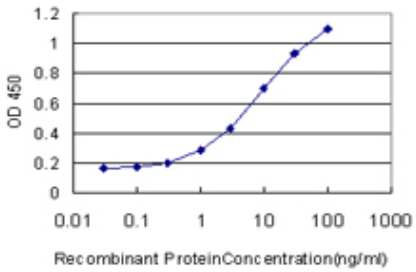
Lane 1: HMGB1 transfected lysate(25 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to HMGB1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to HMGB1 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged HMGB1 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.