

HMGB1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant HMGB1.

Catalog # AT2384a

Product Information

Application	WB, IHC, IF
Primary Accession	P09429
Other Accession	BC003378
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D5
Calculated MW	24894

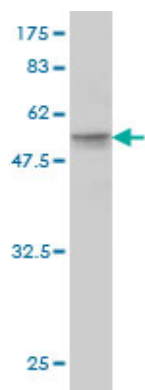
Additional Information

Gene ID	3146
Other Names	High mobility group protein B1, High mobility group protein 1, HMG-1, HMGB1, HMG1
Target/Specificity	HMGB1 (AAH03378.1, 1 a.a. ~ 215 a.a) full-length 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
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) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

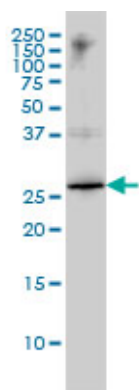
References

1.TLR4, IL-6, IL-18, MyD88 and HMGB1 are highly expressed in intracranial inflammatory lesions and the IgG4/IgG ratio correlates with TLR4 and IL-6.Hirano H, Yoshioka T, Yunoue S, Fujio S, Yonezawa H, Niino T, Habu M, Oyoshi T, Sugata S, Kamezawa T, Arimura H, Hanaya R, Tokimura H, Tokudome M, Arita K.Neuropathology. 2012 Mar 13. doi: 10.1111/j.1440-1789.2012.01310.x. [Epub ahead of print]2.Human IgG antibody profiles differentiate between symptomatic patients with and without colorectal cancer.Kijanka G, Hector S, Kay EW, Murray F, Cummins R, Murphy D, Maccraith BD, Prehn JH, Kenny D.Gut. 2010 Jan;59(1):69-78.3.Donor Toll-like receptor 4 contributes to ischemia and reperfusion injury following human kidney transplantation.Kruger B, Krick S, Dhillon N, Lerner SM, Ames S, Bromberg JS, Lin M, Walsh L, Vella J, Fischereder M, Kramer BK, Colvin RB, Heeger PS, Murphy BT, Schroppel B.Proc Natl Acad Sci U S A. 2009 Mar

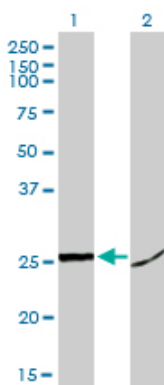
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.39 KDa) .

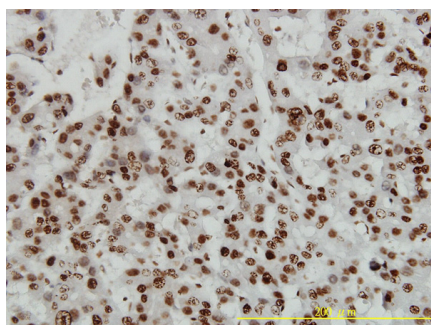


HMGB1 monoclonal antibody (M02), clone 1D5 Western Blot analysis of HMGB1 expression in K-562 ((Cat # AT2384a)



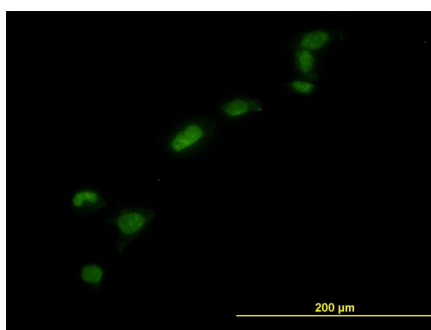
Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M02), clone 1D5.

Lane 1: HMGB1 transfected lysate(24.9 KDa).
Lane 2: Non-transfected lysate.



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

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



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