

# HMGB1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant HMGB1.  
Catalog # AT2384a

## Product Information

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<b>Application</b>	WB, IHC, IF
<b>Primary Accession</b>	<a href="#">P09429</a>
<b>Other Accession</b>	<a href="#">BC003378</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	1D5
<b>Calculated MW</b>	24894

## Additional Information

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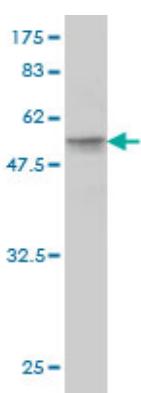
<b>Gene ID</b>	3146
<b>Other Names</b>	High mobility group protein B1, High mobility group protein 1, HMG-1, HMGB1, HMG1
<b>Target/Specificity</b>	HMGB1 (AAH03378.1, 1 a.a. ~ 215 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	HMGB1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

## References

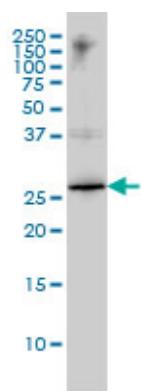
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1.TLR4, IL-6, IL-18, MyD88 and HMGB1 are highly expressed in intracranial inflammatory lesions and the IgG4/IgG ratio correlates with TLR4 and IL-6.Hirano H, Yoshioka T, Yunoue S, Fujio S, Yonezawa H, Niiro T, Habu M, Oyoshi T, Sugata S, Kamezawa T, 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, Macraith 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

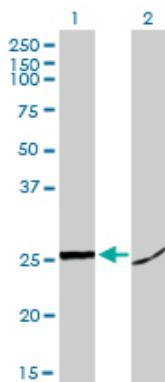
## Images



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

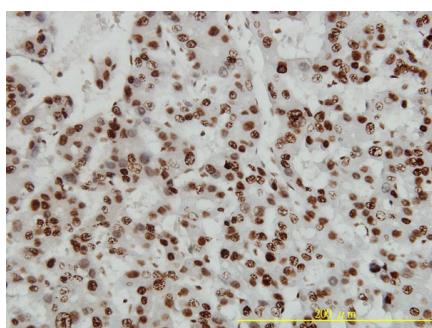


HMGB1 monoclonal antibody (M02), clone 1D5 Western Blot analysis of HMGB1 expression in K-562 ( (Cat # AT2384a )



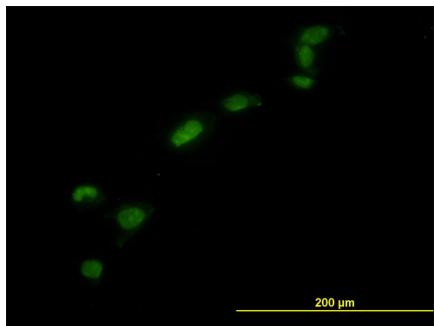
Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M02), clone 1D5.

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'.