

**HMGB1 Antibody (monoclonal) (M08)**

Mouse monoclonal antibody raised against a partial recombinant HMGB1.

Catalog # AT2385a

**Specification**

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**HMGB1 Antibody (monoclonal) (M08) - Product Information**

Application	IF, WB, IHC, E
Primary Accession	<a href="#">P09429</a>
Other Accession	<a href="#">NM_002128</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	24894

**HMGB1 Antibody (monoclonal) (M08) - 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

**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.

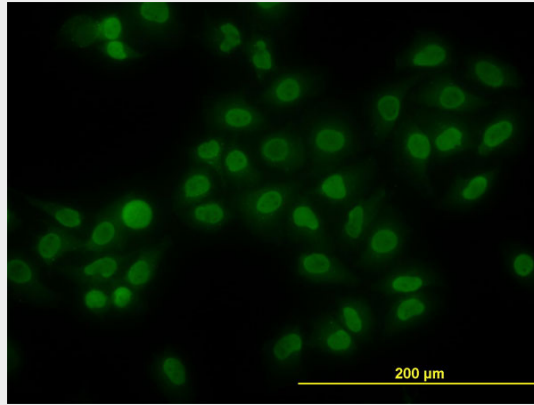
**HMGB1 Antibody (monoclonal) (M08) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

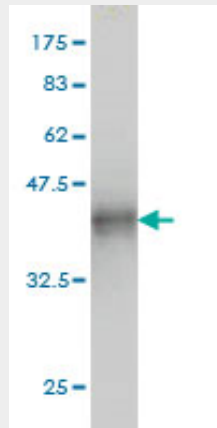
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

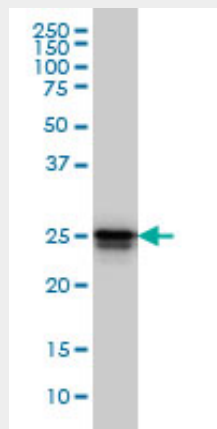
### HMGB1 Antibody (monoclonal) (M08) - Images



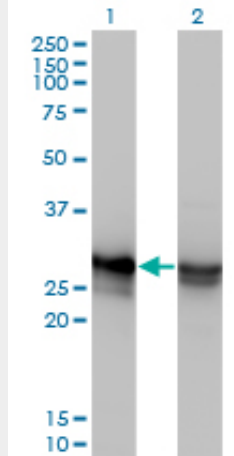
Immunofluorescence of monoclonal antibody to HMGB1 on HeLa cell. [antibody concentration 10 ug/ml]



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

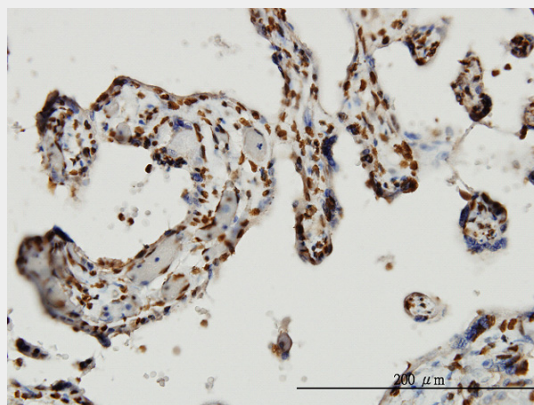


HMGB1 monoclonal antibody (M08), clone 2F6 Western Blot analysis of HMGB1 expression in HeLa S3 NE ( (Cat # AT2385a )

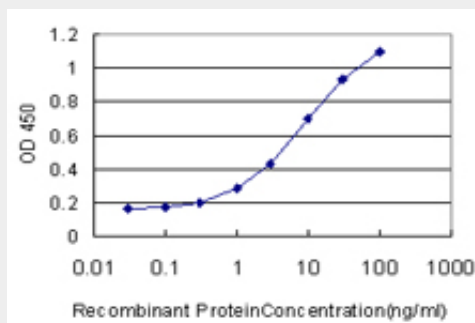


Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M08), clone 2F6.

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]



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

### HMGB1 Antibody (monoclonal) (M08) - 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.