

HMGB1 Antibody (monoclonal) (M08)**Mouse monoclonal antibody raised against a partial recombinant HMGB1.****Catalog # AT2385a****Specification**

HMGB1 Antibody (monoclonal) (M08) - Product Information

Application	WB, IHC, IF, E
Primary Accession	P09429
Other Accession	NM_002128
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

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.

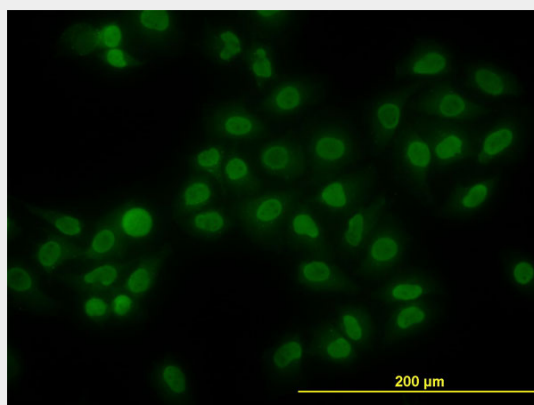
HMGB1 Antibody (monoclonal) (M08) - Protocols

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

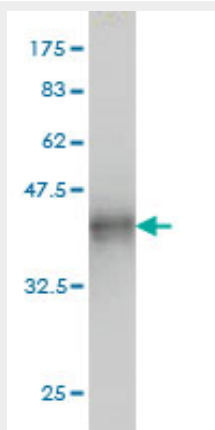
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

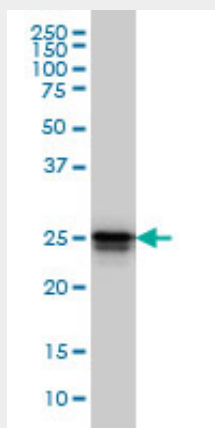
HMGB1 Antibody (monoclonal) (M08) - Images



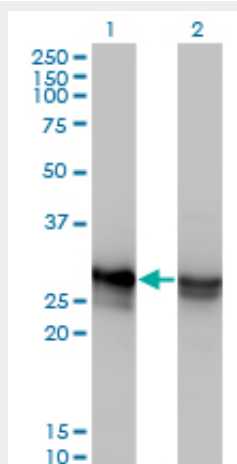
Immunofluorescence of monoclonal antibody to HMGB1 on HeLa cell. [antibody concentration 10 ug/ml]



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



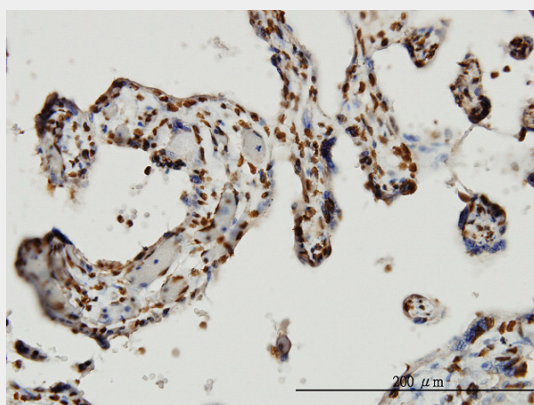
HMGB1 monoclonal antibody (M08), clone 2F6 Western Blot analysis of HMGB1 expression in Hela S3 NE ((Cat # AT2385a)



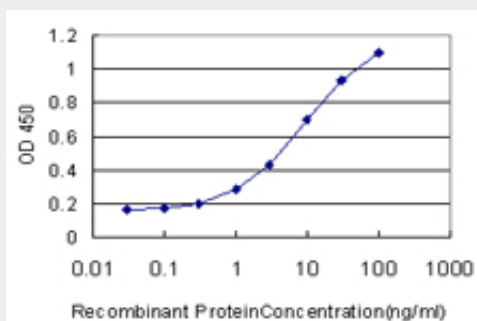
Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M08), clone 2F6.

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.