

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 |

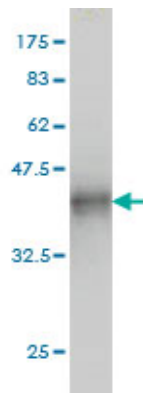
Additional Information

| | |
|---------------------------|---|
| 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. |

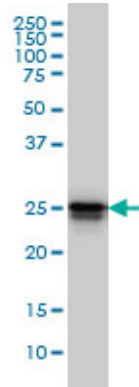
References

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.

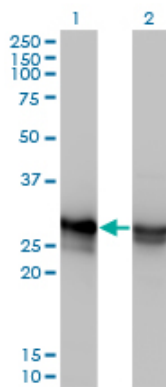
Images



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

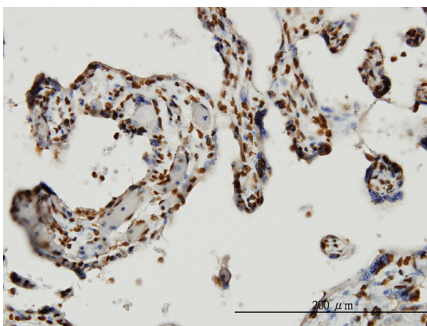


HMGB1 monoclonal antibody (M08), clone 2F6 Western Blot analysis of HMGB1 expression in HeLa S3 NE (Cat # AT2385a)

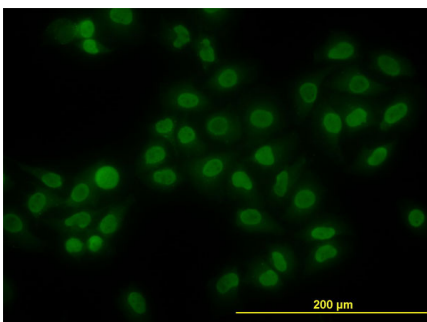


Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M08), clone 2F6.

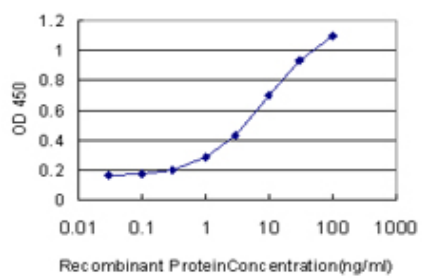
Lane 1: HMGB1 transfected lysate(25 KDa).
Lane 2: Non-transfected lysate.



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'.