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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HMGB1 monoclonal antibody (M08), clone 2F6

Catalog # : H00003146-M08

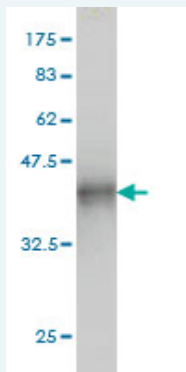
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant HMGB1.
Immunogen:	HMGB1 (NP_002119, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGKGDPPKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGFEDMAKADKARYEREMKTYIPPKGETKKKFK
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.64 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

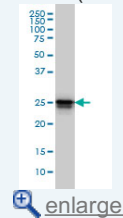
Publication Reference

- [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.
- [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.

Applications

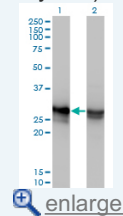
Application Image

Western Blot (Cell lysate)



[enlarge](#)

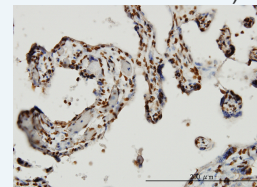
Western Blot (Transfected lysate)



[enlarge](#)

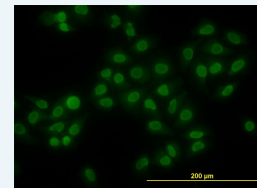
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



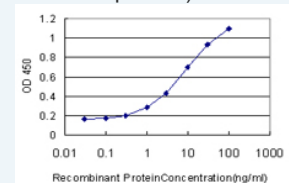
[enlarge](#)

Immunofluorescence



[enlarge](#)

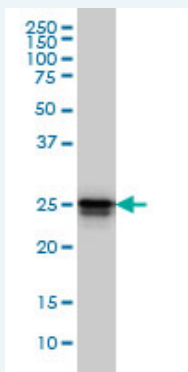
Sandwich ELISA (Recombinant protein)




[enlarge](#)

ELISA

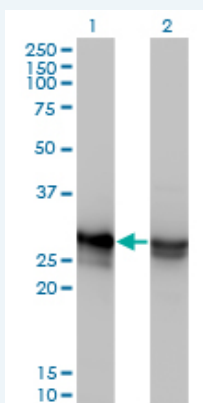
Western Blot (Cell lysate)



HMGB1 monoclonal antibody (M08), clone 2F6 Western Blot analysis of HMGB1 expression in HeLa S3 NE (Cat # L013V3).

 [Protocol Download](#)

Western Blot (Transfected lysate)




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).

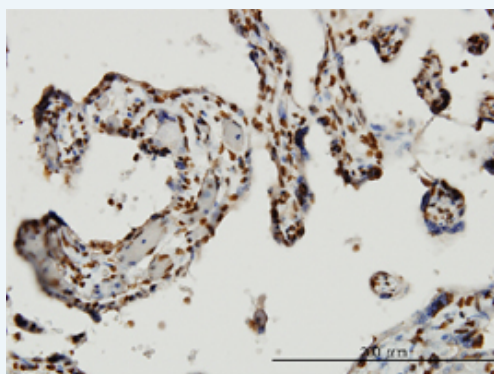
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)


 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

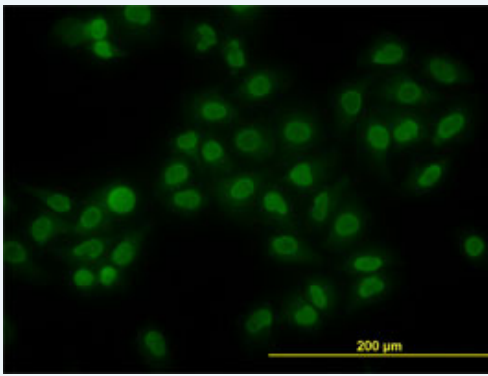


 [enlarge this image](#)

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

 [Protocol Download](#)

Immunofluorescence

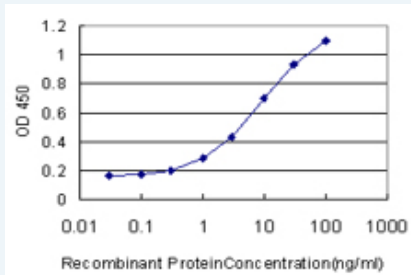


[enlarge this image](#)

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

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



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

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3146](#)

GeneBank Accession#: [NM_002128](#)

Protein Accession#: [NP_002119](#)

Gene Name: HMGB1

Gene Alias: DKFZp686A04236,HMG1,HMG3,SBP-1

Gene Description: high-mobility group box 1

Omim ID: [163905](#)

Gene Ontology: [Hyperlink](#)

Other Designations: Amphoterin, OTTHUMP00000018199, OTTHUMP000000190860, Sulfoglucuronyl carbohydrate binding protein, high mobility group box 1, high mobility group protein 1, high-mobility group (nonhistone chromosomal) protein 1

Gene Pathway

[Base excision repair](#)

Related Disease

[Bone Marrow Neoplasms Genetic Predisposition to Disease Graft vs Host Disease](#)

