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Produktinformation



Forschungsprodukte & Biochemikalien



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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 (M03), clone 1B11

Catalog # : H00003146-M03

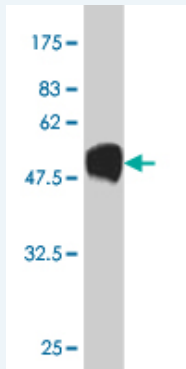
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant HMGB1.
Immunogen:	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.
Sequence:	MGKGDPPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSER WKTMSAKEKGKFEDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPK RPPSAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYE KKAACLKEKYEKDIAAYRAKGPDAAKKGVVKAESKSKKKEEEEEDEEDEE DEEEEEDEEDEDEEEDDDDE
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (49.39 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](#)

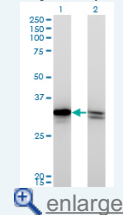
Datasheet: [Download](#)

Publication Reference

- [Anti-Inflammatory Effects of Hyperoside in Human Endothelial Cells and in Mice.](#)
Ku SK, Zhou W, Lee W, Han MS, Na M, Bae JS. *Inflammation*. 2015 Apr;38(2):784-99.
doi: 10.1007/s10753-014-9989-8.
- [Proteomic analysis of human Epithelial Lining Fluid by microfluidics-based nanoLC-MS/MS: a feasibility study.](#)
Franciosi L, Govorukhina N, Fusetti F, Poolman B, Lodewijk ME, Timens W, Postma D, ten Hacken N, Bischoff R. *Electrophoresis*. 2013 Sep;34(18):2683-94.

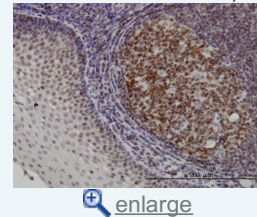
Application Image

Western Blot (Transfected lysate)

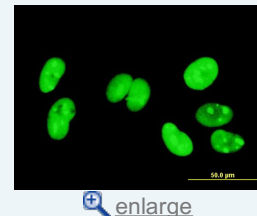


Western Blot (Recombinant protein)

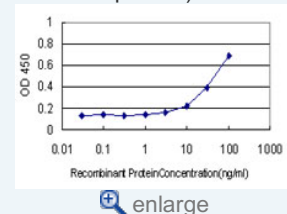
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Immunofluorescence



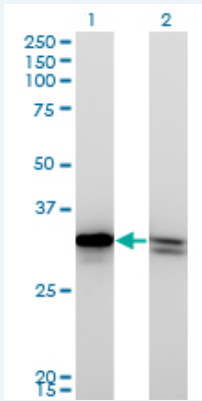
Sandwich ELISA (Recombinant protein)



ELISA

Applications

Western Blot (Transfected lysate)



Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M03), clone 1B11.

Lane 1: HMGB1 transfected lysate(25 KDa).

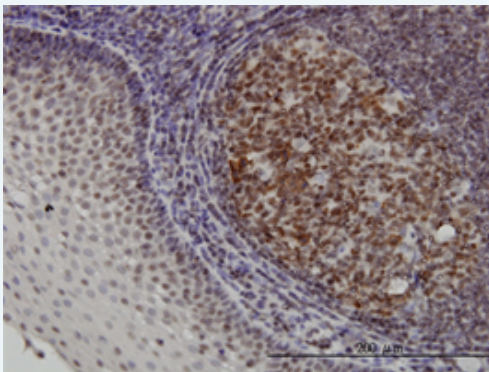
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

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

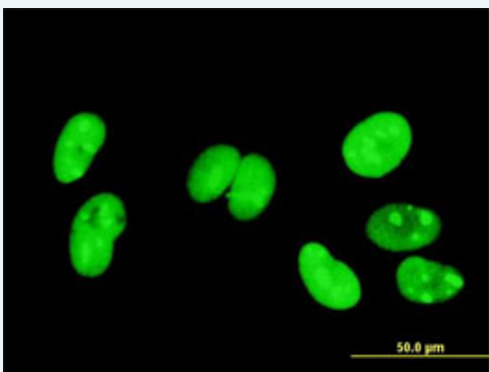


 [enlarge this image](#)

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

 [Protocol Download](#)

Immunofluorescence

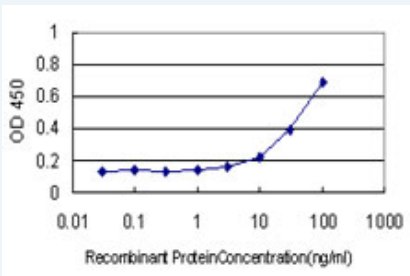


 [enlarge this image](#)

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 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3146](#)

GeneBank [BC003378](#)

Accession#:

Protein [AAH03378.1](#)

Accession#:

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](#)

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[Systemic Inflammatory Response Syndrome](#)