



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HMGB1 monoclonal antibody (M01), clone 1E6-E10

Catalog # : H00003146-M01

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:	MGKGDPPKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSER WKTMSAKEKGFEDMAKADKARYEREMKTYIPKGETKKKFKDPNAPK RPPSAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMMNNTAADDKQPYE KKAACLKEKYEKDIAAYRAKGPDAAKKGVVKAESKSKKKEEEEEDEEDEE DEEEEEDEEDEDEEEDDDDE
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
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

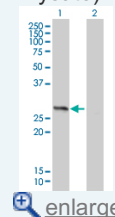
- [Emodin-6-O-β-D-glucoside inhibits HMGB1-induced inflammatory responses in vitro and in vivo.](#)
Lee W, Ku SK, Kim TH, Bae JS. Food Chem Toxicol. 2012 Nov 9. doi:pii: S0278-6915 (12)00806-X. 10.1016/j.fct.2012.10.061. [Epub ahead of print]
- [Persicarin is anti-inflammatory mediator against HMGB1-induced inflammatory responses in HUVECs and in CLP-induced sepsis mice.](#)
Kim TH, Ku SK, Bae JS. J Cell Physiol. 2012 Aug 21. doi: 10.1002/jcp.24214.

Applications

Western Blot (Transfected lysate)

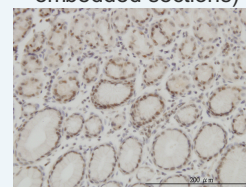
Application Image


Western Blot (Transfected lysate)



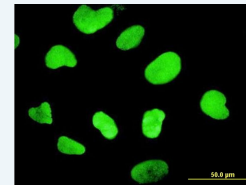
 [enlarge](#)

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



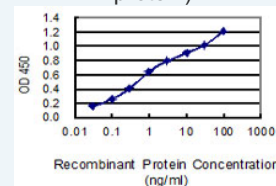
 [enlarge](#)


Immunofluorescence



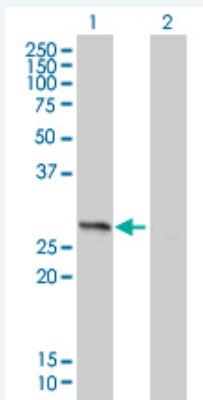
 [enlarge](#)

Sandwich ELISA (Recombinant protein)



 [enlarge](#)

ELISA

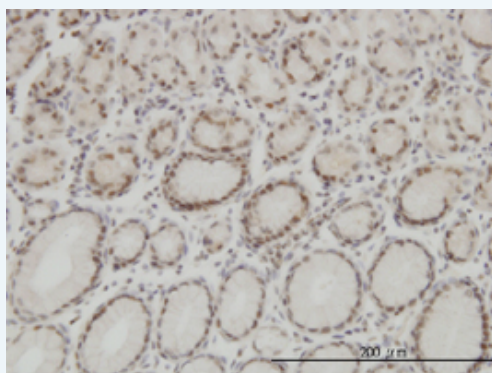


Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M01), clone 1E6-E10.

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

[Protocol Download](#)

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

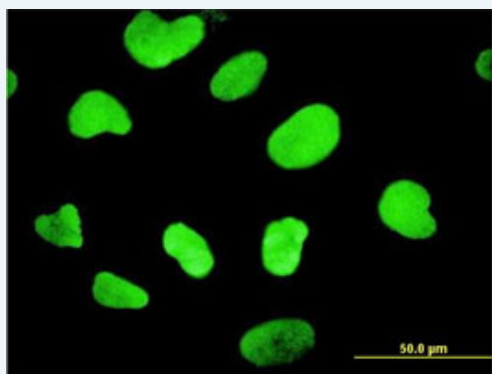


[enlarge this image](#)

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

[Protocol Download](#)

Immunofluorescence

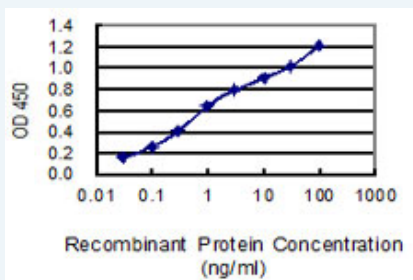


[enlarge this image](#)

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 0.03 ng/ml as a capture antibody.

ELISA

Gene Information

Entrez GeneID: [3146](#)**GeneBank
Accession#:** [BC003378](#)**Protein
Accession#:** [AAH03378.1](#)**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,OTTHUMP00000190860,Sulfoglucuronyl carbohydrate binding protein,high mobility group box 1,high mobility group protein 1,high-mobility group (nonhistone chromosomal) protein 1**Gene Pathway**

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[Systemic Inflammatory Response Syndrome](#)