



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## HMGB1 monoclonal antibody (M04), clone 1B2

Catalog # : H00003146-M04

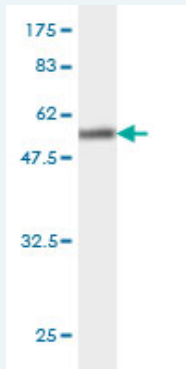
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant HMGB1.
<b>Immunogen:</b>	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.
<b>Sequence:</b>	MGKGDPPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSER WKTMSAKEKGFEDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPK RPPSAFFLFCSEYRPIKIGEHPGLSIGDVAKKLGEMWNNTAADDKQPYE KKAACLKEKYEKIDIAAYRAKGPDAAKKGVVKAESKKKKEEEEEDEEDEE DEEEEEDEEDEDEEEDDDDE
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	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](#)

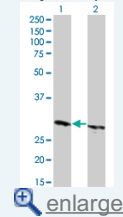
**Datasheet:** [Download](#)

### Applications

**Western Blot (Transfected lysate)**

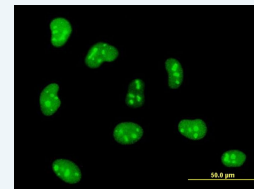
### Application Image

Western Blot (Transfected lysate)

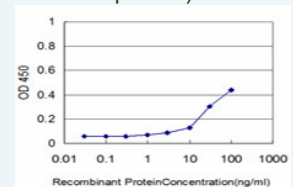


Western Blot (Recombinant protein)

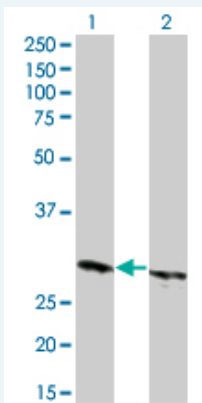
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M04), clone 1B2.

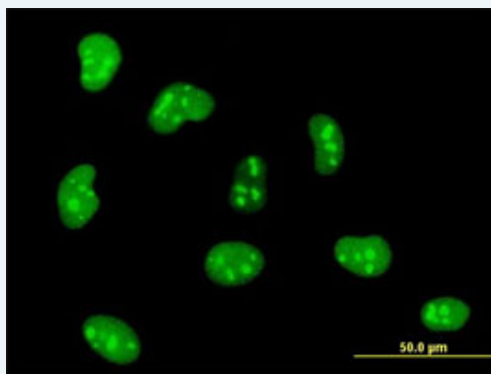
Lane 1: HMGB1 transfected lysate(24.9 kDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Western Blot (Recombinant protein)

[Protocol Download](#)

### Immunofluorescence

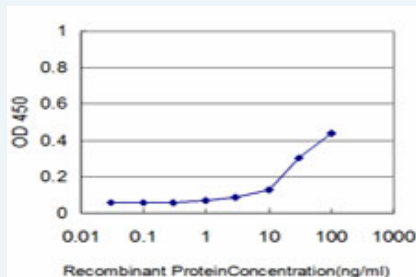


[enlarge this image](#)

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](#)

### Related Disease

[Bone Marrow Neoplasms Genetic Predisposition to Disease Graft vs Host Disease](#)  
[Hematologic Neoplasms Puerperal Disorders Recurrence Sepsis Streptococcal Infections](#)  
[Systemic Inflammatory Response Syndrome](#)

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