



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

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HMGB1 monoclonal antibody (M06), clone 1D9

Catalog # : H00003146-M06

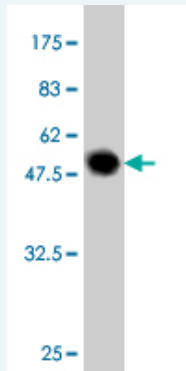
規格 : [100 ug]

[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 WKTMSAKEKGFEDMAKADKARYEREMKTYIPKGETKKKFKDPNAPK RPPSAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYE KKAACLKEKYEKDIAAYRAKGPDAAKKGVVKAESKKKKEEEEEDEEDEE 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](#)

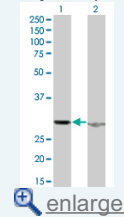
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

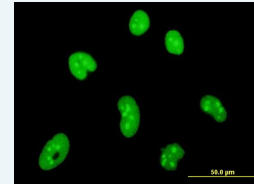
Application Image

Western Blot (Transfected lysate)



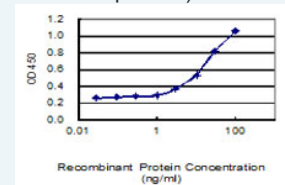
Western Blot (Recombinant protein)

Immunofluorescence



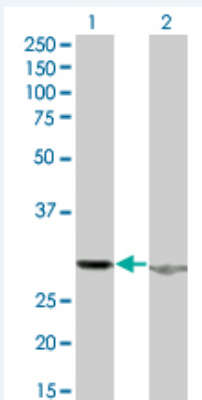
Sandwich ELISA (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M06), clone 1D9.

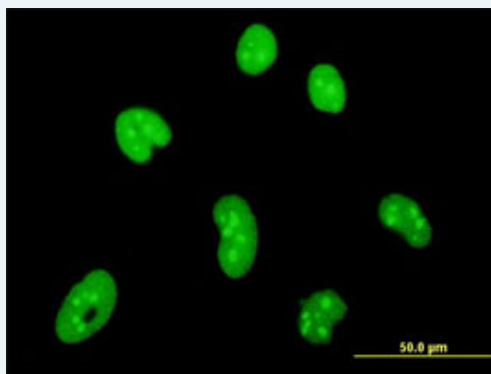
Lane 1: HMGB1 transfected lysate(24.9 KDa).
Lane 2: Non-transfected lysate.

[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]

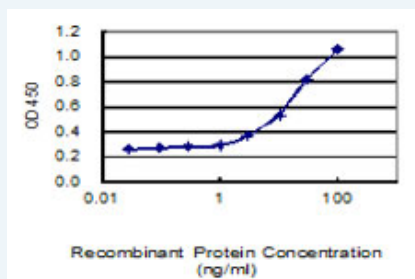
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HMGB1 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged HMGB1 is 1 ng/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,OTTHUMP00000190860,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

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[Systemic Inflammatory Response Syndrome](#)