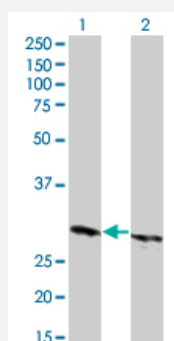


HMGB1 monoclonal antibody (M04), clone 1B2

Catalog # H00003146-M04

Size 100 ug

Applications

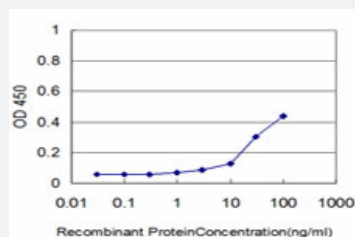


Western Blot (Transfected lysate)

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

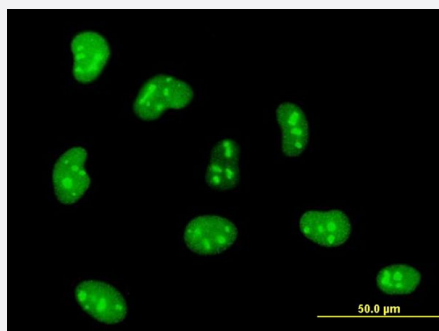
Lane 1: HMGB1 transfected lysate (24.9 KDa).

Lane 2: Non-transfected lysate.



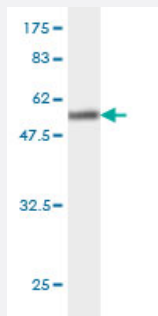
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HMGB1 is approximately 3 ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (49.39 KDa) .

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	MGKGDPPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFED MAKADKARYEREMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYRPKIKGEHPGLSIGDVAK KLGEMWNNTAADDKQPYEKKAALKKEYEKDIAAYRAKGKPDAAKKGVVKAESKKKKKEEEEED EEDEEDEEEEEDEDEDEDEEDDDDE
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.

Applications

- Western Blot (Transfected lysate)

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](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HMGB1 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — HMGB1

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

Pathway

- [Base excision repair](#)

Disease

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