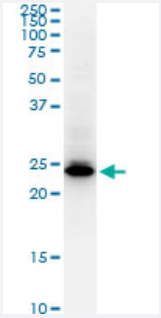
HMGB2 monoclonal antibody (M06A), clone 3F2

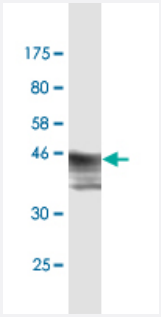
Catalog # H00003148-M06A Size 200 uL

Applications



Western Blot (Cell lysate)

HMGB2 monoclonal antibody (M06A), clone 3F2. Western Blot analysis of HMGB2 expression in Hela S3 NE.



Western Blot detection against Immunogen (47.19 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant HMGB2.
Immunogen	HMGB2 (AAH00903.2, 1 a.a. ~ 195 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWKTMSAKEKSKFED MAKSDKARYDREMKNYVPPKGDKKGKKKDPNAPKRPPSAFFLFCSEHRPKIKSEHPGLSIGDTA KKLGEMWSEQSAKDKQPYEQKAAKLKEKYEKDIAAYRAKGKSEAGKKGPGRPTGSKKKNEPED EEEEEE
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG Mix Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.19 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  HMGB2 monoclonal antibody (M06A), clone 3F2. Western Blot analysis of HMGB2 expression in Hela S3 NE.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — HMGB2

Entrez GeneID	3148
GeneBank Accession#	BC000903
Protein Accession#	AAH00903.2
Gene Name	HMGB2
Gene Alias	HMG2
Gene Description	high-mobility group box 2
Omim ID	163906
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently ben d DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be inv olved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq
Other Designations	high-mobility group (nonhistone chromosomal) protein 2

Disease

- Azoospermia
- Infertility
- Oligospermia