

HMGB3 mouse monoclonal antibody (hybridoma)

Catalog # H00003149-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant HMGB3.
Immunogen	HMGB3 (NP_005333.2, 1 a.a. ~ 200 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAKGDPKKPKGKMSAYAFFVQTCREEHKKKNPEVPVNFAEFSKKCSERWKTMSGKEKSKFDE MAKADKVRDREMKDYGPAKGKKKKDPNAPKRPPSGFFLCSEFRPKIKSTNPGISIGDVAKK LGEMWNNLNDSEKQPYTKAAKLKEKYEKDVADYKSKGKFDGAKGPAKVARKKVEEEDEEEEEE EEEEEEEEEEDE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HMGB3

Entrez GeneID	3149
GeneBank Accession#	NM_005342.2
Protein Accession#	NP_005333.2
Gene Name	HMGB3
Gene Alias	HMG2A, HMG4, MGC90319
Gene Description	high-mobility group box 3
Omim ID	300193
Gene Ontology	Hyperlink
Gene Summary	HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 (MIM 163905) and HMG2 (MIM 163906), HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription (Wilke et al., 1997 [PubMed 9370291]; Nemeth et al., 2006 [PubMed 16945912]).[supplied by OMIM]
Other Designations	OTTHUMP00000025865 high-mobility group (nonhistone chromosomal) protein 4 non-histone chromosomal protein