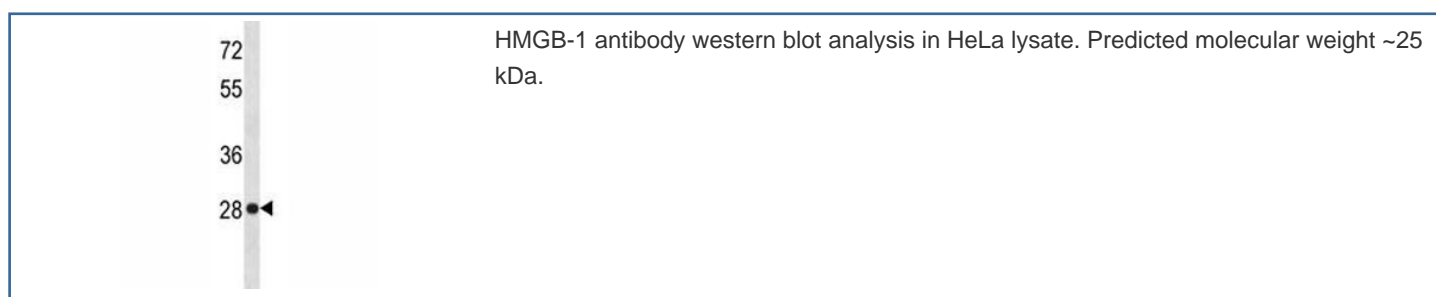


HMGB-1 Antibody (F45590)

Catalog No.	Formulation	Size
F45590-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45590-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Bovine, Pig, Primate, Hamster
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P09429
Applications	Western Blot : 1:1000
Limitations	This HMGB-1 antibody is available for research use only.



Description

DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of neurite-type cytoplasmic processes in developing cells (By similarity). [UniProt]

Application Notes

Titration of the HMGB-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 152-180 from the human protein was used as the immunogen for this HMGB-1 antibody.

Storage

Aliquot the HMGB-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

HMG1