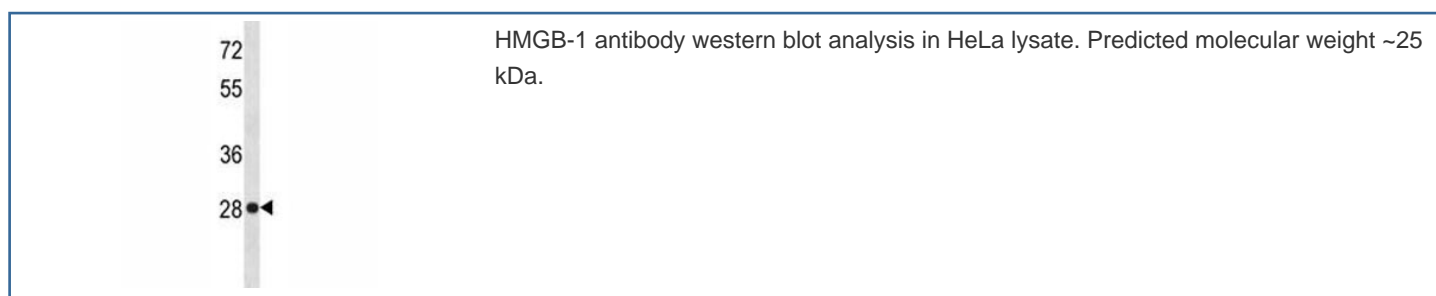


## HMGB-1 Antibody (F45590)

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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat, Bovine, Pig, Primate, Hamster
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P09429
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	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