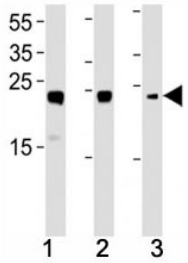
HMGB2 Antibody (F50180)

Catalog No.	Formulation	Size
F50180-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50180-0.08ML	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	Rat, Bovine, Pig
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P26583
Applications	Western blot: 1:1000
Limitations	This HMGB2 antibody is available for research use only.



HMGB2 antibody western blot analysis in (1) HL-60, (2) K562, (3) H-4-II-E lysate. Expected molecular weight ~24 kDa.

Description

HMGB2 is 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 bend 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 involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and

V(D)J recombination.

Application Notes

Titration of the HMGB2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 92-118 from the human protein was used as the immunogen for this HMGB2 antibody.

Storage

Aliquot the HMGB2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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