

Product Name: HMGB1 Rabbit Monoclonal Antibody
Catalog #: AMRe04024



Summary

Production Name	HMGB1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,FC
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Purification	Affinity Purification

Immunogen

Gene Name	HMGB1
Alternative Names	HMGB1; HMG1; High mobility group protein B1; High mobility group protein 1; HMG-1
Gene ID	3146
SwissProt ID	P09429.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 FC: 1:50-1:100
Molecular Weight	Calculated MW:25 kDa;Observed MW: 29 kDa

Background

High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Evidence suggests that

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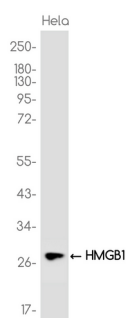


the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFκB family, ATF-2 and c-Jun to activate transcription.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of HMGB1 in HeLa lysates using HMGB1 antibody.

Note

For research use only.