

Product Name: HMGB2 Rabbit Monoclonal Antibody
Catalog #: AMRe03034



Summary

Production Name	HMGB2 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat,Hamster

Performance

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

Immunogen

Gene Name	HMGB2
Alternative Names	HMG 2; HMG B2; HMG-2; HMG2; HMGB2
Gene ID	3148
SwissProt ID	P26583

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 24 kDa; Observed MW: 24 kDa

Background

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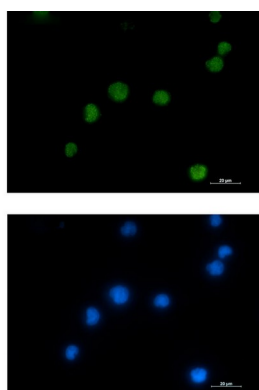


DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS).

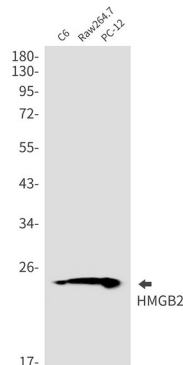
Research Area

Epigenetics and Nuclear Signaling

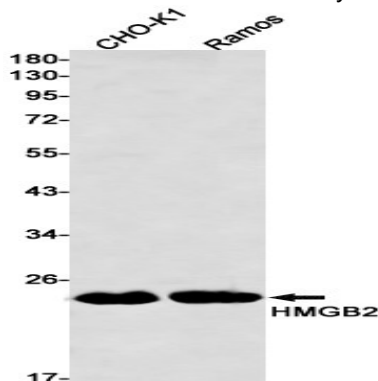
Image Data



Immunocytochemistry analysis of HMGB2 (green) in Jurkat using HMGB2 antibody, and DAPI (blue).

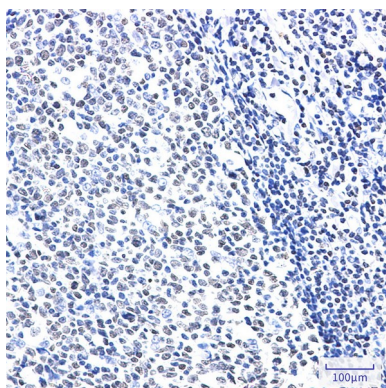


Western blot analysis of HMGB2 in C6, Raw264.7, PC-12 lysates using HMGB2 antibody.



Western blot analysis of HMGB2 in CHO-K1, Ramos lysates using HMGB2 antibody

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGB2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.