
Product Name: HMGB2 Rabbit Monoclonal antibody**Catalog #: AMRe03034**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat,Hamster
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

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

Antigen Information

Gene Name	HMGB2
Alternative Names	HMG 2; HMG B2; HMG-2; HMG2; HMGB2
Gene ID	3148
SwissProt ID	P26583
Immunogen	A synthetic peptide of human HMGB2

Background

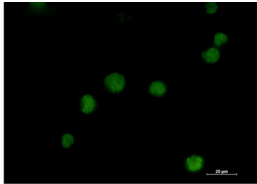
DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG

protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS).

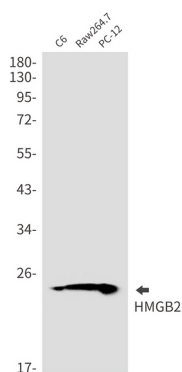
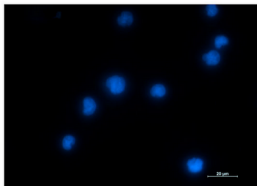
Research Area

Epigenetics and Nuclear Signaling

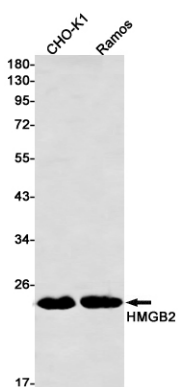
Image Data



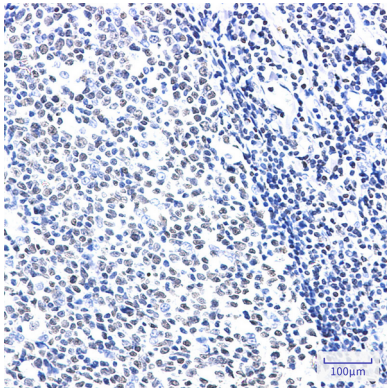
Immunocytochemistry analysis of HMGB2 (green) in Jurkat using HMGB2 antibody, and DAPI (blue).



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



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