

HMGB2 Monoclonal Antibody | anti-HMGB2 antibody

HMGB2 Rabbit mAb

CATALOG # AAA314535	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HMGB2; Monoclonal Antibody; HMGB2 Rabbit mAb; HMG 2; HMG B2; HMG-2; HMG2; anti-HMGB2 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S02-5I5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-HMGB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human HMGB2
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of HMGB2 in paraffin-embedded Human tonsil using HMGB2 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of HMGB2 in CHO-K1, Ramos cell lysates using HMGB2 Rabbit mAb(1:1000 diluted).Predicted band size:24kDa.Observed band size:24kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB2 antibody

Multifunctional protein with various roles in different cellular compartments. May act in a redox sensitive manner. In the nucleus is an abundant chromatin-associated non-histone protein involved in transcription, chromatin remodeling and V(D)J recombination and probably other processes. Binds DNA with a preference to non-canonical DNA structures such as single-stranded DNA. Can bent DNA and enhance DNA flexibility by looping thus providing a mechanism to promote activities on various gene promoters by enhancing transcription factor binding and/or bringing distant regulatory sequences into close proximity (PubMed:7797075, PubMed:11909973, PubMed:19522541, PubMed:18413230, PubMed:19965638, PubMed:20123072).

NCBI AND UNIPROT INFORMATION

NCBI GI #	194688133
NCBI GeneID	3148
NCBI Accession #	NP_001124160.1
NCBI GenBank Nucleotide #	NM_001130688.1
UniProt Accession #	P26583; Q5U072; B2R4K8; D3DP37
Molecular Weight	24,034 Da
NCBI Official Full Name	high mobility group protein B2
NCBI Official Synonym Full Names	high mobility group box 2
NCBI Official Symbol	HMGB2
NCBI Official Synonym Symbols	HMG2
NCBI Protein Information	high mobility group protein B2; HMG-2; high-mobility group box 2; high mobility group protein 2; high-mobility group (nonhistone chromosomal) protein 2
UniProt Protein Name	High mobility group protein B2
UniProt Gene Name	HMGB2
UniProt Synonym Gene Names	HMG2; HMG-2
UniProt Entry Name	HMGB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hmgb2-antibody-clone-s02-5i5-immunohistochemistry-western-blot-elisa/314535>