

HMGB2 Rabbit mAb

Catalog No: #52776

Package Size: #52776-1 50ul #52776-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

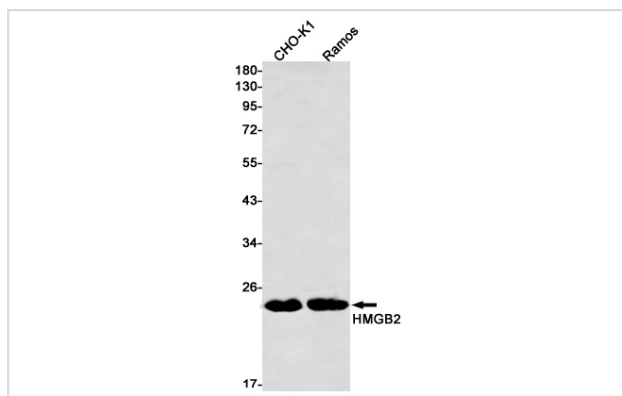
Description

Product Name	HMGB2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-515
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human HMGB2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	HMG 2; HMG B2; HMG-2; HMG2; HMGB2;
Accession No.	Swiss-Prot:P26583GenelD:3148
Uniprot	P26583
GenelD	3148
Calculated MW	Calculated MW:24 kDa,Observed MW:24 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

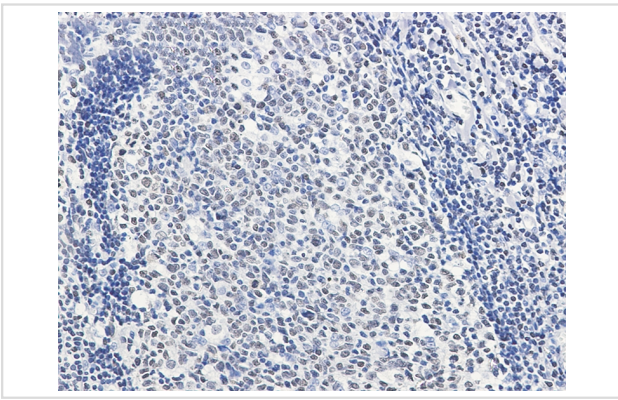
Application Details

WB: 1/2000-1/10000 IHC: 1/50

Images



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.



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

Background

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).

Note: This product is for in vitro research use only