

HMGB2 Rabbit mAb

Catalog No: #59501

Package Size: #59501-1 50ul #59501-2 100ul

Description

Product Name	HMGB2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	HMGB2 Antibody detects endogenous levels of total HMGB2
Immunogen Description	A synthesized peptide derived from human HMGB2
Other Names	HMG 2; HMG B2; HMG-2; HMG2; HMGB2;
Accession No.	Uniprot:P26583
Calculated MW	Predicted band size: 24 kDa
SDS-PAGE MW	Observed band size: 24 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

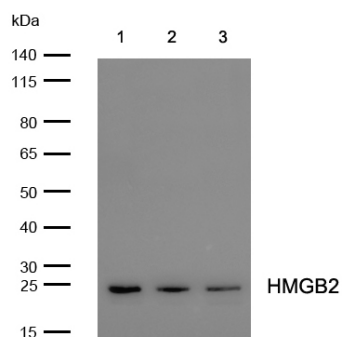
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: HMGB2 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : 3T3 whole cell
lysates Lane 3 : PC12 whole cell lysates
Lysates/proteins at 20 µg per lane.

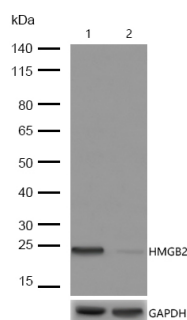
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 24 kDa

Observed band size: 24 kDa

Exposure time: 8 seconds

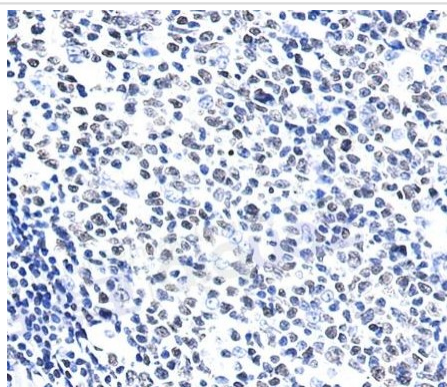


All lanes:HMGB2 Rabbit mAb at 1/1k dilution

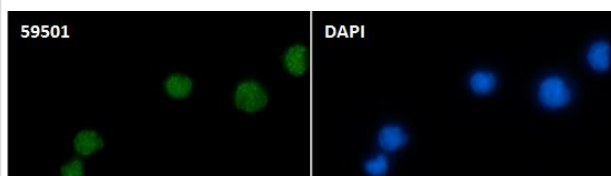
Lane 1 : Wild-type HAP1 cell lysate

Lane 2 :HMGB2 Rabbit mAb knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human tonsil tissue stained for HMGB2 using 59501 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence HMGB2 antibody (59501) ICC/IF staining of HMGB2 in Jurkat cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59501 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.