

## HMGB1 antibody

**Cat. No. GTX127344**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-Fr, IP, RIP
<b>Reactivity</b>	Human, Mouse, Rat

References ( 4 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IP	1:100-1:500
RIP	Assay dependent

Not tested in other applications.

**Calculated MW** 25 kDa. ( [Note](#) )

## Properties

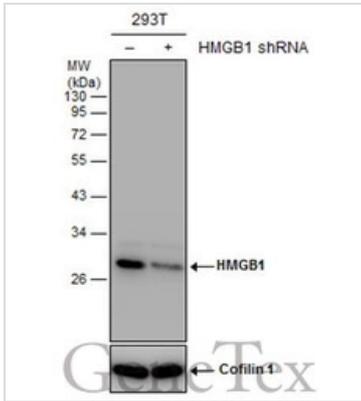
<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.31 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human HMGB1. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

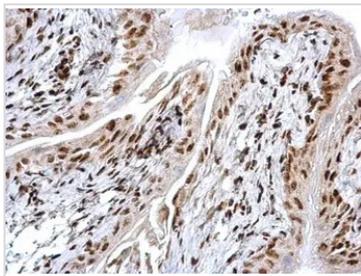
**Note**  
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX127344 WB Image**

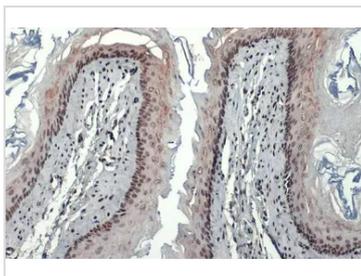
Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody (GTX127344) diluted at 1:5000.



**GTX127344 IHC-P Image**

HMGB1 antibody detects HMGB1 protein at nucleus on mouse vein by immunohistochemical analysis.  
Sample: Paraffin-embedded mouse vein.  
HMGB1 antibody (GTX127344) dilution: 1:500.

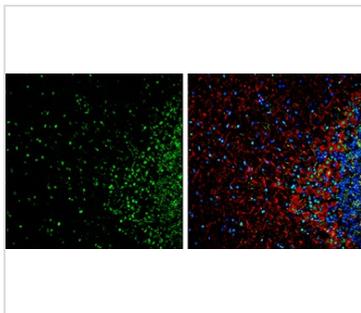
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



**GTX127344 IHC-P Image**

HMGB1 antibody detects HMGB1 protein at nucleus by immunohistochemical analysis.  
Sample: Paraffin-embedded mouse esophagus.  
HMGB1 stained by HMGB1 antibody (GTX127344) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX127344 IHC-Fr Image**

HMGB1 antibody detects HMGB1 Protein expression by immunohistochemical analysis.  
Sample: Frozen-sectioned adult mouse cerebellum.  
Green: HMGB1 stained by HMGB1 antibody (GTX127344) diluted at 1:250.  
Red: NF-H, stained by NF-H antibody [GT114] (GTX634289) diluted at 1:500.  
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 5 min



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