

## HMGB1 antibody [HL2059]

**Cat. No. GTX637963**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA
<b>Reactivity</b>	Human, Mouse, Rat, Cat, Dog

References ( 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	Assay dependent
IHC-P	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 29 kDa.**Product Note** This antibody is specific for human HMGB1 protein, and it does not cross react with human HMGB2 protein.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<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>	1 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>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated



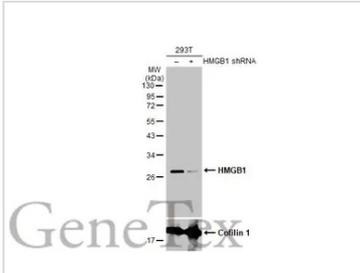
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

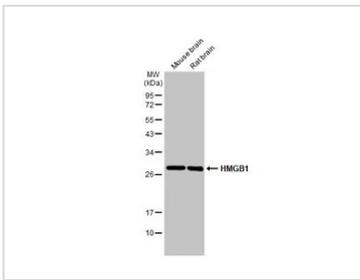
**Note**  
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



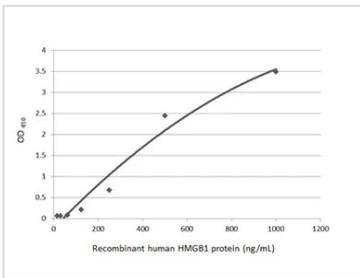
**GTX637963 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody [HL2059] (GTX637963) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



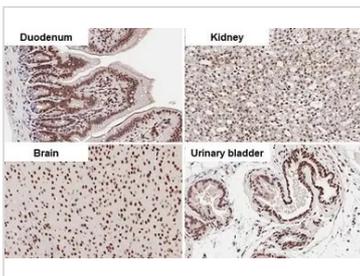
**GTX637963 WB Image**

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody [HL2059] (GTX637963) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX637963 ELISA Image**

Indirect ELISA analysis was performed by coating the plate with recombinant HEK293 expressed, human HMGB1 protein (1000-15.63 ng/mL). Coated protein was probed with HMGB1 antibody [HL2059] (GTX637963) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



**GTX637963 IHC-P Image**

HMGB1 antibody [HL2059] detects HMGB1 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. HMGB1 stained by HMGB1 antibody [HL2059] (GTX637963) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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