

# HMGB1 antibody

## Cat. No. GTX101277

Host	Rabbit	
Clonality	Polyclonal	
Isotype	lgG	
Applications	WB, ICC/IF, IHC-P, IHC-Wm, IHC, IHC (Free Floating)	
Reactivity	Human, Mouse, Rat, Zebrafish, Pig	



## 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-Wm	Assay dependent
IHC	Assay dependent
IHC (Free Floating)	Assay dependent

Not tested in other applications.

Calculated MW 25 kDa. (Note)

Properties	
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	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.
Concentration	0.43 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human HMGB1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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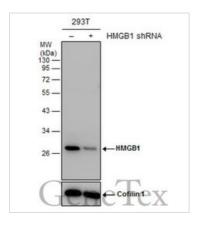


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#### Note

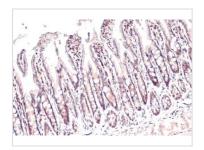
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### DATA IMAGES



### GTX101277 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30  $\mu$ g) were separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody (GTX101277) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



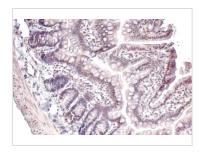
#### GTX101277 IHC-P Image

HMGB1 antibody detects HMGB1 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

HMGB1 stained by HMGB1 antibody (GTX101277) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



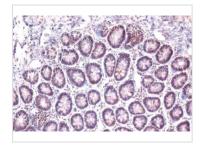
### GTX101277 IHC-P Image

HMGB1 antibody detects HMGB1 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat colon.

HMGB1 stained by HMGB1 antibody (GTX101277) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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