

HMGB1 antibody [GT348]

Cat. No. GTX628835

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

APPLICATION

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

Not tested in other applications.

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

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	0.88 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	Affinity purified by Protein G.
Conjugation	Unconjugated

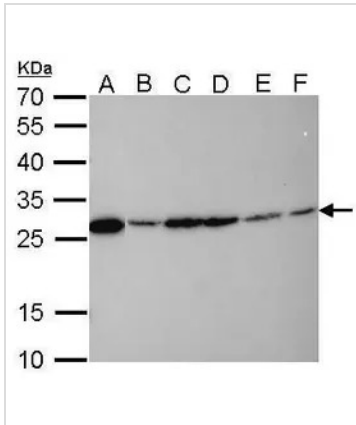


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Note

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DATA IMAGES

GTX628835 WB Image

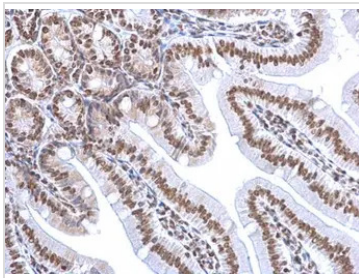
HMGB1 antibody [GT348] detects HMGB1 protein by western blot analysis.

- A. 30 μ g Neuro2A whole cell lysate/extract
- B. 30 μ g C8D30 whole cell lysate/extract
- C. 30 μ g NIH-3T3 whole cell lysate/extract
- D. 30 μ g BCL-1 whole cell lysate/extract
- E. 30 μ g Raw264.7 whole cell lysate/extract
- F. 30 μ g C2C12 whole cell lysate/extract

12% SDS-PAGE

HMGB1 antibody [GT348] (GTX628835) dilution: 1:500

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

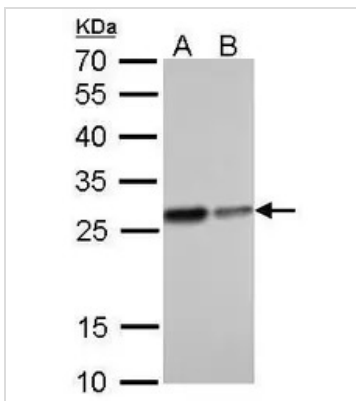

GTX628835 IHC-P Image

HMGB1 antibody [GT348] detects HMGB1 protein at nucleus on mouse lymph node by immunohistochemical analysis.

Sample: Paraffin-embedded mouse lymph node.

HMGB1 antibody [GT348] (GTX628835) dilution: 1:500.

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


GTX628835 WB Image

HMGB1 antibody [GT348] detects HMGB1 protein by western blot analysis.

- A. 30 μ g PC-12 whole cell lysate/extract
- B. 30 μ g Rat-2 whole cell lysate/extract

12% SDS-PAGE

HMGB1 antibody [GT348] (GTX628835) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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