

HMGB1 antibody [GT349]

Cat. No. GTX629403

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

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

Not tested in other applications.

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

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	1 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

Note

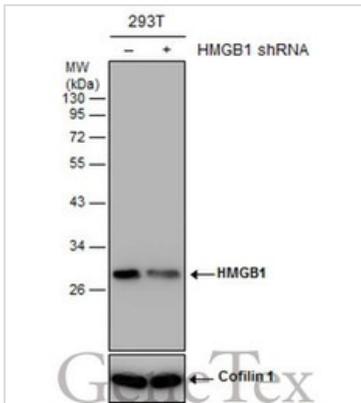
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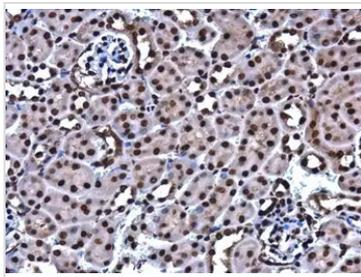
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DATA IMAGES



GTX629403 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 [GT349] (GTX629403) diluted at 1:5000.



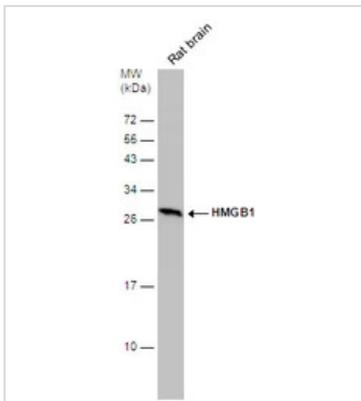
GTX629403 IHC-P Image

HMGB1 antibody [GT349] detects HMGB1 protein at cytoplasm and nucleus in mouse kidney by immunohistochemical analysis.

Sample: Paraffin-embedded mouse kidney.

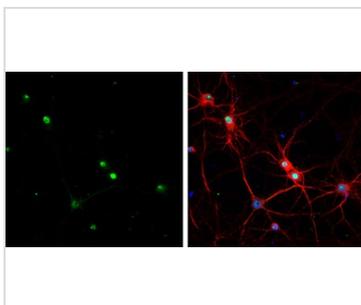
HMGB1 antibody [GT349] (GTX629403) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX629403 WB Image

Rat tissue extract (50 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody (GTX629403) diluted at 1:1000.



GTX629403 ICC/IF Image

HMGB1 antibody [GT349] detects HMGB1 protein at nucleus by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: HMGB1 protein stained by HMGB1 antibody [GT349] (GTX629403) diluted at 1:200.

Red: MAP2, stained by MAP2 antibody (GTX133109) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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