

HMGB1 antibody [GT427]

Cat. No. GTX629445

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

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	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 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	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human HMGB1. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

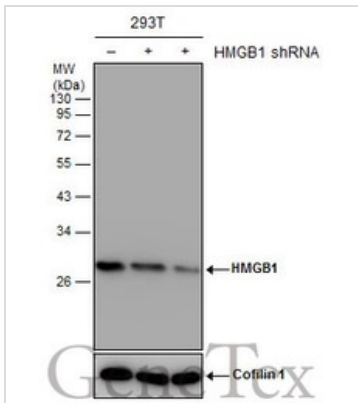
Note

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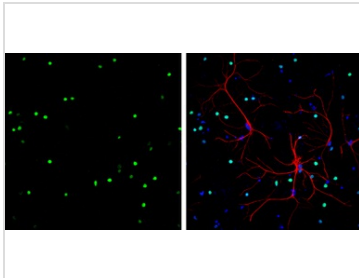
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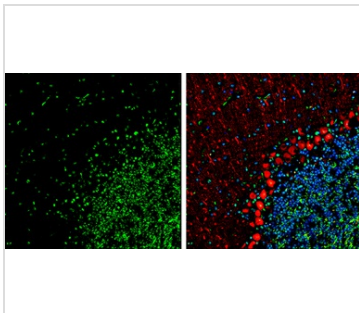
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DATA IMAGES

GTX629445 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 [GT427] (GTX629445) diluted at 1:2000.

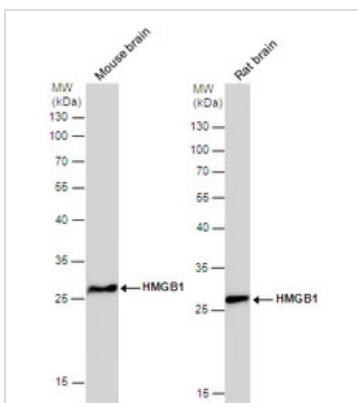

GTX629445 ICC/IF Image

HMGB1 antibody [GT427] 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 [GT427] (GTX629445) diluted at 1:500.
Red: GFAP, a glia cell marker, stained by GFAP antibody (GTX27260) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).


GTX629445 IHC-Fr Image

HMGB1 antibody [GT427] detects HMGB1 Protein expression by immunohistochemical analysis.
Sample: Frozen-sectioned adult mouse cerebellum.
Green: HMGB1 stained by HMGB1 antibody [GT427] (GTX629445) diluted at 1:250.
Red: Calbindin, stained by Calbindin antibody (GTX130856) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 5 min


GTX629445 WB Image

HMGB1 antibody [GT427] detects HMGB1 protein by western blot analysis. Mouse tissue extracts and Rat tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody [GT427] (GTX629445) diluted at 1:1000.



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