

HMGB1 antibody [HL2059]

Cat. No. GTX637963

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

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

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	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 A.
Conjugation	Unconjugated

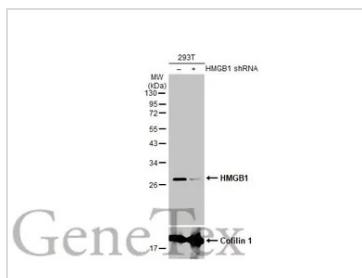


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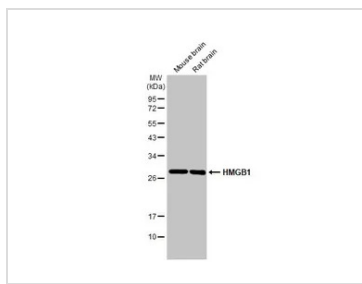
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Note

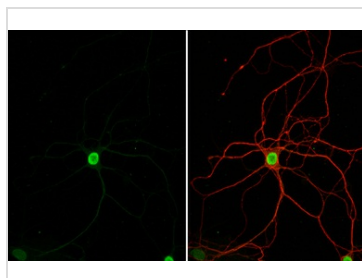
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DATA IMAGES

GTx637963 WB Image

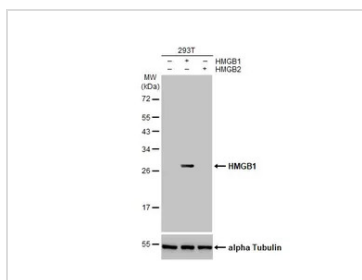
Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody [HL2059] (GTx637963) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx637963 WB Image

Various tissue extracts (50 μ g) 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 ICC/IF Image

HMGB1 antibody [HL2059] detects HMGB1 protein at nucleus by immunofluorescent analysis. Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HMGB1 stained by HMGB1 antibody [HL2059] (GTx637963) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTx634809) diluted at 1:500.


GTx637963 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (5 μ g) were separated by 12% SDS-PAGE, and the membrane was blotted with HMGB1 antibody [HL2059] (GTx637963) diluted at 1:300000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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