

CLOCK antibody [HL1099]

Cat. No. GTX636283

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
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	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 110 kDa.

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 C-terminus region of human CLOCK. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

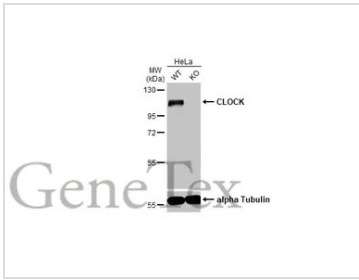
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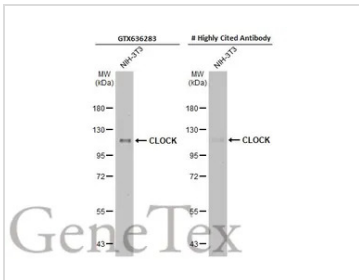
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DATA IMAGES



GTX636283 WB Image

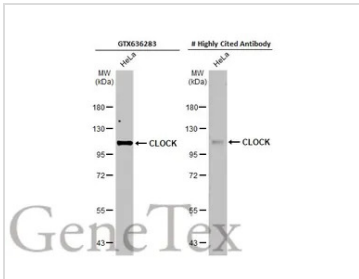
Wild-type (WT) and NME4 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CLOCK antibody [HL1099] (GTX636283) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX636283 WB Image

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membranes were blotted with CLOCK antibody [HL1099] (GTX636283) diluted at 1:2000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

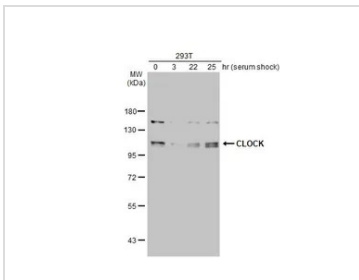
*The competitor is not affiliated with GeneTex and does not endorse this product.



GTX636283 WB Image

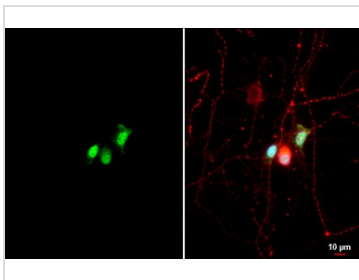
Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membranes were blotted with CLOCK antibody [HL1099] (GTX636283) diluted at 1:2000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

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GTX636283 WB Image

Untreated (-) and treated (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CLOCK antibody [HL1099] (GTX636283) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX636283 ICC/IF Image

CLOCK antibody [HL1099] detects CLOCK protein by immunofluorescent analysis.
 Sample: DIV9 rat hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.
 Green: CLOCK stained by CLOCK antibody [HL1099] (GTX636283) diluted at 1:500.
 Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.
 Blue: Fluoroshield with DAPI (GTX30920).



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