

## Lamin A + C antibody [GT9712]

Cat. No. GTX629404

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IP
Reactivity	Human

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
IP	1:100-1:500

Not tested in other applications.

**Observed MW (kDa)** 65 (Lamin C), 74 (Lamin A) kDa.

## Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
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 Lamin A + C. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

## Note

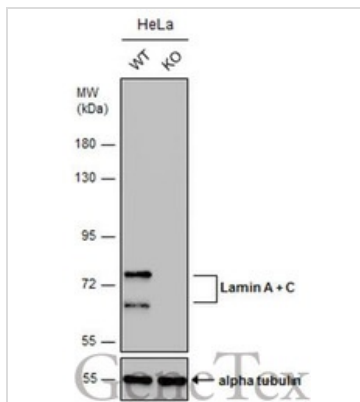
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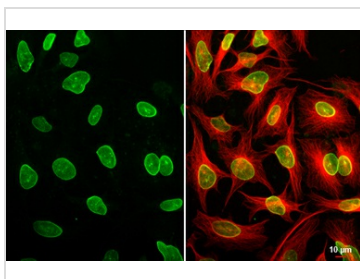
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## DATA IMAGES



### GTX629404 WB Image

Wild-type (WT) and Lamin A + C knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Lamin A + C antibody [GT9712] (GTX629404) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



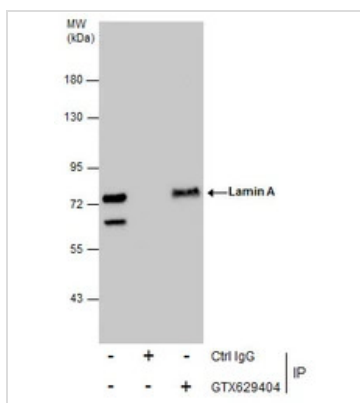
### GTX629404 ICC/IF Image

Lamin A + C antibody [GT9712] detects Lamin A + C protein at nuclear envelope by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: Lamin A + C stained by Lamin A + C antibody [GT9712] (GTX629404) diluted at 1:500.

Red: beta Tubulin, a cytoskeleton marker, stained by beta Tubulin antibody (GTX101279) diluted at 1:1000.

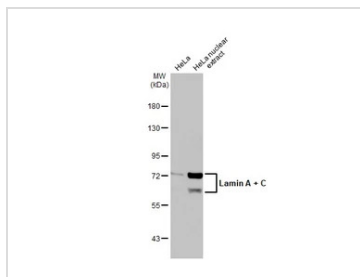


### GTX629404 IP Image

Immunoprecipitation of Lamin A + C protein from HeLa whole cell extracts using 5 µg of Lamin A + C antibody [GT9712] (GTX629404).

Western blot analysis was performed using Lamin A + C antibody [GT9712] (GTX629404).

EasyBlot anti-Mouse IgG (GTX221667-01) was used as a secondary reagent.



### GTX629404 WB Image

HeLa whole cell and nuclear extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Lamin A + C antibody [GT9712] (GTX629404) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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