# Nanog antibody [N3C3]

# Cat. No. GTX100863

| Host         | Rabbit   | References (43)        |
|--------------|--|------------------------|
| Clonality    | Polyclonal   | 🚖 🚖 🚖 🚖 🚖 Review ( 1 ) |
| lsotype      | lgG  | Package                |
| Applications | WB, ICC/IF, IHC-P, IHC-Fr, IP, ELISA, Sandwich ELISA | 100 μl, 25 μl          |
| Reactivity   | Human, Mouse, Ceratotherium simum                    |                        |

### 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              | Assay dependent      |
| IHC-Fr             | Assay dependent      |
| IP                 | 1:100-1:500          |
| ELISA              | 1:1000-1:10000       |
| Sandwich ELISA     | Assay dependent      |
|                    |                      |

#### Note : Capture: GTX100863 , Detection: GTX89079

Not tested in other applications.

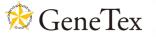
Calculated MW 35 kDa. (Note)

| Properties    |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 1% BSA, 20% Glycerol  |
| Preservative  | 0.01% Thimerosal   |
| 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 | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Recombinant protein encompassing a sequence within the center region of human NANOG. The exact sequence is proprietary.  |
| Purification  | Purified by antigen-affinity chromatography.   |



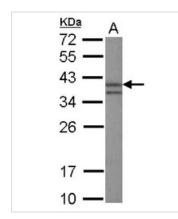
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Date 2025 / 08 / 21 Page 1 of 2



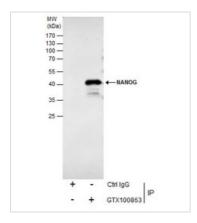
| Conjugation | Unconjugated  |
|-------------|---|
| Note        | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.                           |
| Note        | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

#### DATA IMAGES



#### GTX100863 WB Image

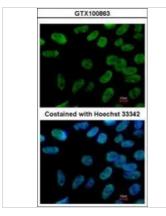
Sample (30 µg of whole cell lysate) A: HeLa nucleus 12% SDS PAGE GTX100863 diluted at 1:3000 The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



### GTX100863 IP Image

Immunoprecipitation of NANOG protein from NT2D1 whole cell extracts using 5  $\mu$ g of NANOG antibody [N3C3] (GTX100863).

Western blot analysis was performed using NANOG antibody [N3C3] (GTX100863) diluted at 1:500. EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



## GTX100863 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed Human ESC, using NANOG(GTX100863) antibody at 1:400 dilution.



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Date 2025 / 08 / 21 Page 2 of 2