

## Oct4 antibody

## Cat. No. GTX100468

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM, IP
Reactivity	Human, Frog

References ( 4 )

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
FCM	1:50-1:200
IP	Assay dependent

Not tested in other applications.

Calculated MW 39 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% 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	0.62 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Oct4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## Note

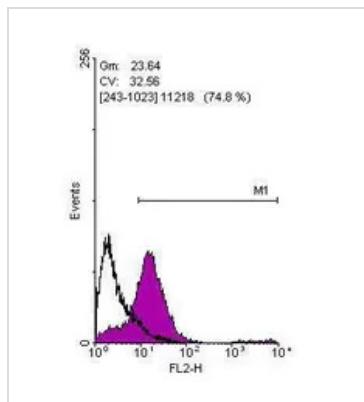
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).

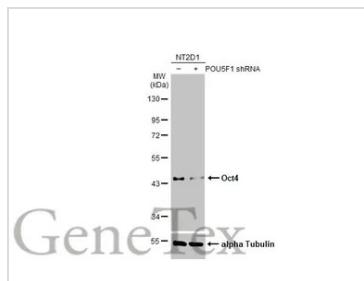
Date 2026 / 02 / 12 Page 1 of 2

## DATA IMAGES



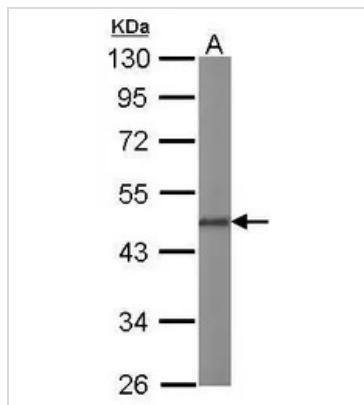
## GTX100468 FCM Image

Flow cytometry on human embryonic stem cells, staining with Oct4 (GTX100468) antibody at 1:100 dilution(purple) or rabbit IgG (black).



## GTX100468 WB Image

Non-transfected (-) and transfected (+) NT2D1 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Oct4 antibody (GTX100468) 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.



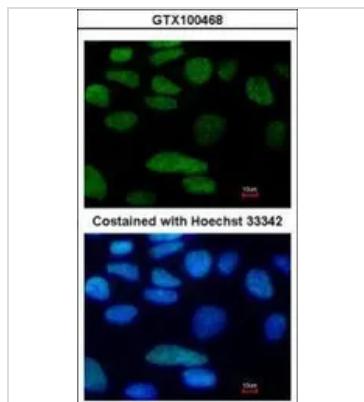
## GTX100468 WB Image

Sample (20 µg of whole cell lysate)

A: human ESC

10% SDS PAGE

GTX100468 diluted at 1:500



## GTX100468 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed Human ESC, using Oct4(GTX100468) antibody at 1:80 dilution.



For full product information, images and publications, please visit our [website](#).

Date 2026 / 02 / 12 Page 2 of 2