

# Nanog Monoclonal Antibody (GT3312)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotope	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	GT3312
Conjugate	Unconjugated
Immunogen	Recombinant protein encompassing a sequence within the center region of human NANOG.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	no preservative
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2787091

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:50-1:200	-
Immunocytochemistry (ICC)	Assay Dependent	-
Immunofluorescence (IF)	Assay Dependent	-
Western Blot (WB)	1:500-1:3000	-

## Product Specific Information

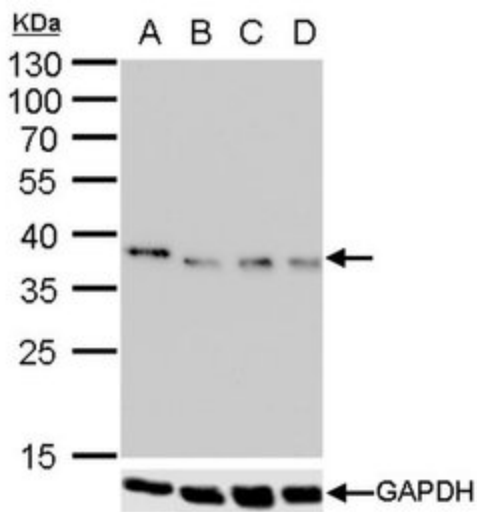
Keep as concentrated solution.

Predicted reactivity: Chimpanzee (98%).

Positive Control: 293T, A431, HeLa, HepG2, human ESC, mouse ESC, Tera-2.

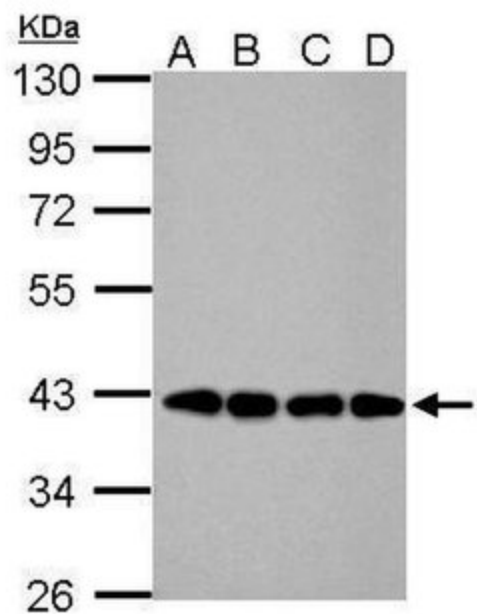
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For Nanog Monoclonal Antibody (GT3312)



#### Nanog Antibody (MA5-31459) in WB

Western blot analysis of Nanog in A) Tera-2 whole cell lysate, B) whole cell lysate of NANOG siRNA1-transfected Tera-2 cells, C) whole cell lysate of NANOG siRNA#2-transfected Tera-2 cells, D) whole cell lysate of NANOG siRNA using Nanog monoclonal antibody (Product # MA5-31459) at a dilution of 1:1000. Sample was then incubated with HRP-conjugated anti-mouse IgG and GAPDH secondary antibody at a dilution of 1:10000. Prior to incubation with primary antibody, the sample was separated on 10% SDS-PAGE.

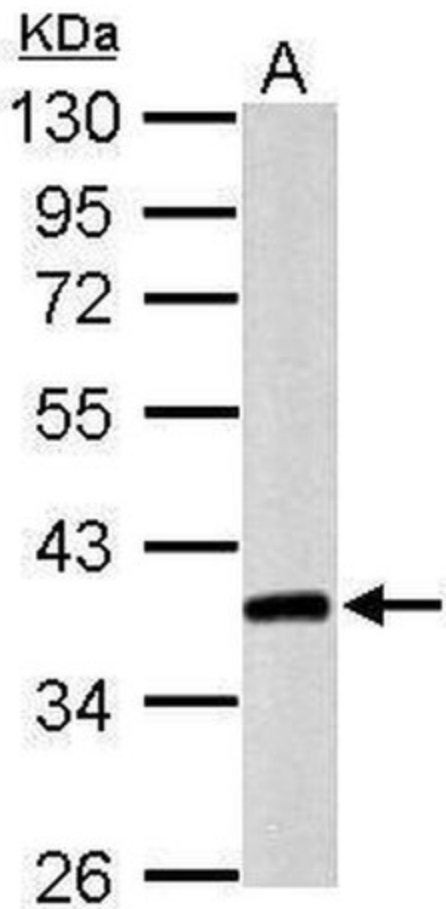


#### Nanog Antibody (MA5-31459) in WB

Western blot analysis of Nanog in A) 293T, B) A431, C) HeLa, D) HepG2 using Nanog monoclonal antibody (Product # MA5-31459) using 30 µg of sample at a dilution of 1:1000. Sample was then incubated with HRP-conjugated anti-mouse IgG secondary antibody. Prior to incubation with primary antibody, the sample was separated on 10% SDS-PAGE.

### Nanog Antibody (MA5-31459) in WB

Western blot analysis of Nanog in A) mouse ESC using Nanog monoclonal antibody (Product # MA5-31459) using 20 µg of sample at a dilution of 1:1000. Sample was then incubated with HRP-conjugated anti-mouse IgG secondary antibody. Prior to incubation with primary antibody, the sample was separated on 10% SDS-PAGE.



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