

Nanog Polyclonal Antibody

Product Details

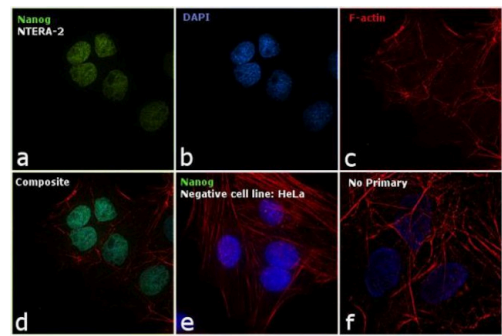
Size	100 µg
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Full-length human recombinant protein expressed in bacteria
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA, 30% glycerol
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2539867

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	7 Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	5 µg/mL	11 Publications
Flow Cytometry (Flow)	-	1 Publication
ChIP assay (ChIP)	1-3 µL	-

Product Specific Information

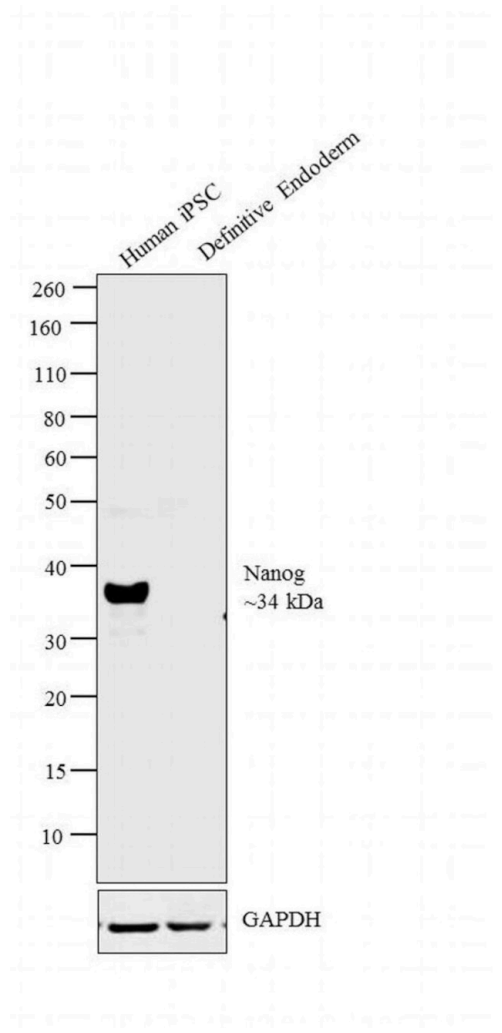
This antibody is not recommended for mouse testes tissue or human ovarian carcinoma in IHC applications.

Product Images For Nanog Polyclonal Antibody



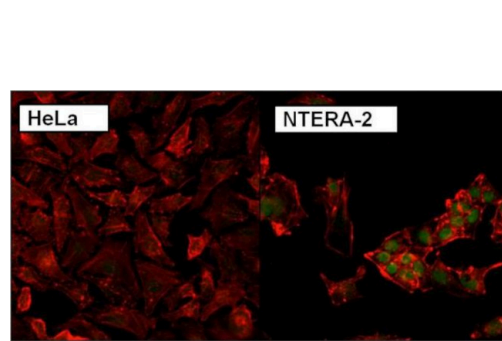
Nanog Antibody (PA1-097)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Nanog Polyclonal antibody (Product # PA1-097X) showed expression of Nanog in NTERA-2 but not in HeLa which is reported to be negative for Nanog expression. {RE}



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Nanog Antibody (PA1-097) in ICC/IF

Immunofluorescent analysis of Nanog using anti-Nanog polyclonal antibody (Product # PA1-097) shows specific expression in human embryonal carcinoma NTERA-2 cells (shown in green) but not in negative control HeLa cells. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature. Cells were blocked with 1% Blocker BSA (Product # 37525) for 15 minutes at room temperature. Cells were probed with a rabbit polyclonal antibody recognizing Nanog (Product # PA1-097), at a dilution of 1:200 for at least 1 hour at room temperature. Cells were washed with PBS and incubated with DyLight 488 goat-anti-rabbit IgG secondary antibody (Product # 35552) at a dilution of 1:400 for 30 minutes at room temperature. F-Actin (red) was stained with DY-547 phalloidin, nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan at 20X magnification.

23 References

Western Blot (7)

<p>Molecular therapy. Methods & clinical development</p> <p>Correction of DMD in human iPSC-derived cardiomyocytes by base-editing-induced exon skipping.</p> <p>"Published figure using Nanog polyclonal antibody (Product # PA1-097) in Immunocytochemistry"</p> <p>Authors: Wang P,Li H,Zhu M,Han RY,Guo S,Han R</p>	<p>Year 2023</p> <p>Species Human</p> <p>Dilution 1:200 1:200</p>
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<p>Cancers</p> <p>Glioblastoma Cells Counteract PARP Inhibition through Pro-Survival Induction of Lipid Droplets Synthesis and Utilization.</p> <p>"Published figure using Nanog polyclonal antibody (Product # PA1-097) in Western Blot"</p> <p>Authors: Majuelos-Melguizo J,Rodríguez-Vargas JM,Martínez-López N,Delgado-Bellido D,García-Díaz Á,Yuste VJ, García-Macia M,López LM,Singh R,Oliver FJ</p>	<p>Year 2022</p>
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View more WB references on thermofisher.cn

Immunohistochemistry (4)

<p>Stem cell research & therapy</p> <p>Mesenchymal stem cells combined with liraglutide relieve acute lung injury through apoptotic signaling restrained by PKA-catenin.</p> <p>"PA1-097 was used in Immunohistochemistry-immunofluorescence to demonstrate that LPS attenuates the proliferation of the three MSCs and the expression of GLP-1R."</p> <p>Authors: Yang X,Ma X,Don O,Song Y,Chen X,Liu J,Qu J,Feng Y</p>	<p>Year 2020</p> <p>Species Human</p> <p>Dilution 1:100</p>
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<p>Cell</p> <p>Mutations in Disordered Regions Can Cause Disease by Creating Dileucine Motifs.</p> <p>"PA1-097 was used in ChIP Assay, Immunocytochemistry, Immunohistochemistry (Paraffin), Western Blot to study how mutations in disordered cytosolic regions of three transmembrane proteins (GLUT1, ITPR1, and CACNA1H) lead to an increased clathrin binding."</p> <p>Authors: Meyer K,Kirchner M,Uyar B,Cheng JY,Russo G,Hernandez-Miranda LR,Szyborska A,Zauber H,Rudolph IM, Willnow TE,Akalin A,Haucke V,Gerhardt H,Birchmeier C,Kühn R,Krauss M,Diecke S,Pascual JM,Selbach M</p>	<p>Year 2018</p> <p>Species Human</p>
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More applications with references on thermofisher.cn

- ICC/IF (11)
- Flow (1)

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