

Product Datasheet

Nanog Antibody (SC05-70) NBP2-67562

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67562

Nanog Antibody (SC05-70)

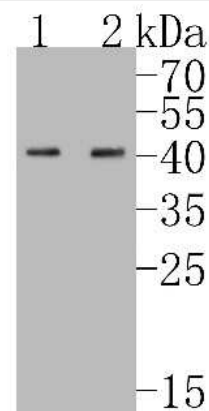
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC05-70
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	NANOG
Species	Human, Mouse
Immunogen	Recombinant protein within Human Nanog aa 9-49 / 305. (SwissProt: Q9H9S0 Human; SwissProt: Q80Z64 Mouse)

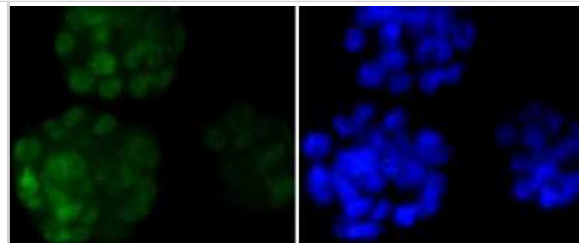
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:800

Images

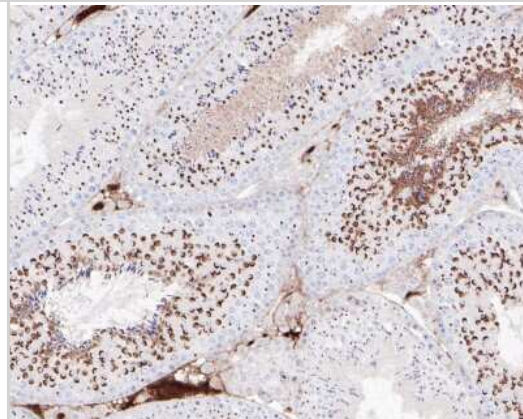
Western Blot: Nanog Antibody (SC05-70) [NBP2-67562] - Western blot analysis of Nanog on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rab



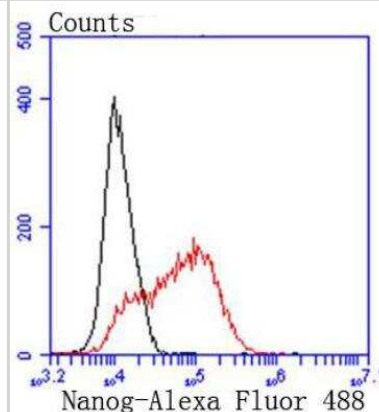
Immunocytochemistry/Immunofluorescence: Nanog Antibody (SC05-70) [NBP2-67562] - Staining Nanog in F9 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



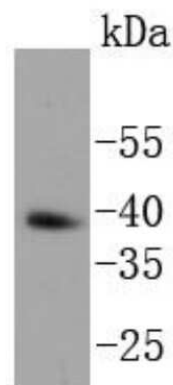
Immunohistochemistry-Paraffin: Nanog Antibody (SC05-70) [NBP2-67562] - Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Nanog antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1610-2, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Flow Cytometry: Nanog Antibody (SC05-70) [NBP2-67562] - Flow cytometric analysis of NCCIT cells with Nanog antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Western Blot: Nanog Antibody (SC05-70) [NBP2-67562] - Analysis of Nanog on F9 cell lysates using anti-Nanog antibody at 1/1,000 dilution.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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