

Mouse anti-Human Nanog Monoclonal Antibody | anti-Nanog antibody

Nanog Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320172	Mouse	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

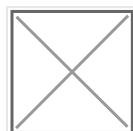
PRODUCT SYNONYMS

Nanog; Monoclonal Antibody; Nanog Monoclonal Antibody; Homeobox protein NANOG; NANOG; Homeobox transcription factor Nanog; hNanog; anti-Nanog antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Nanog Monoclonal Antibody detects endogenous levels of Nanog protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Nanog antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of Nanog (aa20-166) expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescence analysis of NTERA-2 cells (left) and HeLa cells (right) using Nanog Monoclonal Antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin.



WB (Western Blot)

Western Blot analysis using Nanog Monoclonal Antibody against NTERA-2 cell lysate (2).

ADDITIONAL INFORMATION

Related Product Information for anti-Nanog antibody	The protein encoded by this gene is a DNA binding homeobox transcription factor involved in embryonic stem (ES) cell proliferation, renewal, and pluripotency. The encoded protein can block ES cell differentiation and can also autorepress its own expression in differentiating cells. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]
Product Categories/Family for anti-Nanog antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	118573073
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NCBI GeneID	79923
UniProt Accession #	Q9H9S0; Q2TTG0; Q6JZS5; D3DUU4
Molecular Weight	305
NCBI Official Full Name	Homeobox protein NANOG
NCBI Official Synonym Full Names	Nanog homeobox
NCBI Official Symbol	NANOG
NCBI Protein Information	homeobox protein NANOG; homeobox transcription factor Nanog; homeobox transcription factor Nanog-delta 48
UniProt Protein Name	Homeobox protein NANOG
UniProt Gene Name	NANOG
UniProt Synonym Gene Names	hNanog
UniProt Entry Name	NANOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nanog-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320172>