Anti-NANOG/Nanog homeobox antibody

Catalog Number: 105114

Product name

Anti-NANOG/Nanog homeobox antibody

Specificity

Human Nanog

Antibody description

Rabbit polyclonal to NANOG/Nanog homeobox

Preparation

Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Nanog, and purified by antigen affinity chromatography.

Formulation

0.2 μm filtered solution in PBS

Storage

This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free.
Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IF, ICC/IF

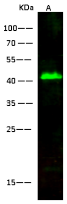
Dilutions

WB: 2-10 μg/ml

IHC-P: 0.1-2 μg/mL

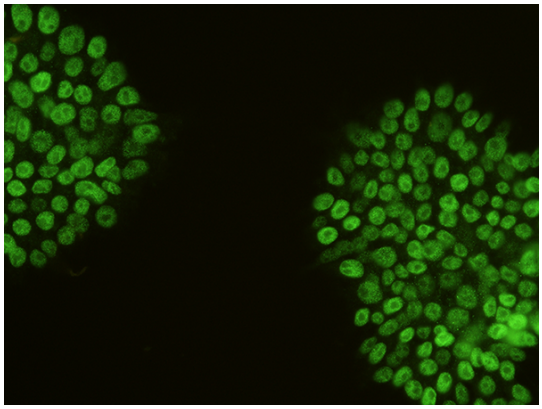
ICC/IF: 0.5-1.5 μg/mL

Validations



Items \ Lanes	A
Sample (whole cell lysate)	HESS9
Sample Volume (μg/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	2-10 μg/ml
Secondary Antibody	Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explanation	Predicted band size : 34 kDa Observed band size : 43 kDa

Nanog Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



Nanog Antibody, Rabbit PAb, Antigen Affinity Purified, Immunofluorescence

Immunofluorescence staining of nanog in HESS9 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-human nanog polyclonal antibody (1 μg/ml) at 4℃ overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green)Positive staining was localized to nucleus.