

Product Datasheet

Nanog Antibody 29290002-0.1mg

Unit Size: 0.1 mg

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

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Publications: 2

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29290002-0.1mg

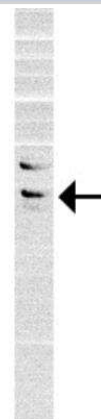
Nanog Antibody

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | 20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl |
| Product Description | |
| Host | Rabbit |
| Gene ID | 79923 |
| Gene Symbol | NANOG |
| Species | Human |
| Reactivity Notes | Human. |
| Marker | Embryonic Stem Cell Marker |
| Specificity/Sensitivity | This product is specific for human Nanog. |
| Immunogen | This antibody is specific for the N Terminus Region of human Nanog. |
| Notes | Manufactured by SDIX's proprietary Genomic Antibody Technology [®] ; GAT FAQs . |
| Product Application Details | |
| Applications | Western Blot, Dot Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Dot Blot 1:100-1:2000 |
| Application Notes | This antibody is useful in ELISA, Immunohistochemistry-Paraffin and Western Blot. |

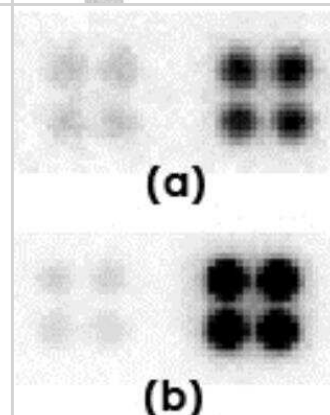


Images

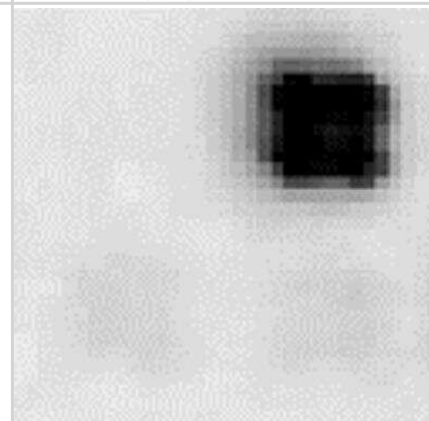
Western Blot: Nanog Antibody [29290002] - Cell lysate from 293 over expressing Nanog was subjected to SDS-PAGE and transfer to nitrocellulose membrane. The membrane was incubated with anti-Nanog antibody (1:1000 dilution) and then probed anti-rabbit IgG-HRP. Signals were acquired with a CCD camera. Arrow points to unmodified Nanog. The band above the arrow is non-specific. Data courtesy of a SDI customer.



Dot Blot: Nanog Antibody [29290002] - The anti- Nanog antibody (Left quadruplicate spots at each panel) or control antibody (right quadruplicate spots at each panel) were printed on membranes at 10 ng/spot. The membranes were incubated with biotinylated cell lysate (50 ug per membrane), followed by probing with streptavidin-HRP and CCD camera image acquisition. (a), Cell lysate from undifferentiated mouse embryonic stem cells; (b), Cell lysate from differentiated mouse embryonic stem cells. Data courtesy of a SDI customer.

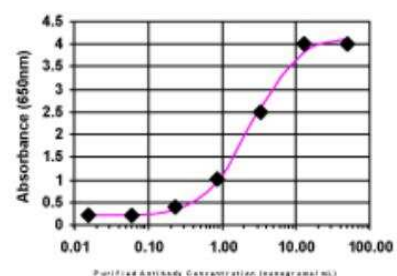


Dot Blot: Nanog Antibody [29290002] - Protein samples (upper left quadruplicate spots: bovine gamma globulin; upper right quadruplicate spots: cell lysate from 293 cell over expressing Nanog; below left quadruplicate spots: cell lysate from 293 cell over expressing Sox2; below right quadruplicate spots: cell lysate from 293 cell over expressing POU5F1) were printed on membranes at 10 ng/spot. The membrane was incubated with anti- Nanog antibody (1:1000 dilution) and then probed anti-rabbit IgG-HRP. Signals were acquired with a CCD camera. Data courtesy of a SDI customer.



ELISA: Nanog Antibody [29290002]

ELISA:



The affinity purified antibody was serially diluted onto an ELISA plate coated with a recombinant protein fragment.

Publications

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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