

À des fins de recherche uniquement

Anticorps Monoclonal anti-NANOG

Numéro de catalogue: 67255-1-Ig **9 Publications**



Informations de base

Numéro de catalogue: 67255-1-Ig	Numéro d'acquisition GenBank: BC160187	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 79923	CloneNo.: 3A2E1
Hôte: Mouse	Nom complet: Nanog homeobox	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG2a	MW calculé: 35 kDa	
Immunogen Catalog Number: AG21364	MW observés: 35-40 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules HT-29, cellules HuH-7, cellules JAR, cellules MCF-7, cellules MDA-MB-231, cellules NCCIT, cellules T-47D, tissu placentaire humain
Demandes citées: WB	
Spécificité de l'espèce: Humain, souris	
Espèces citées: Humain	

Informations générales

Nanog is a member of the homeobox family of DNA binding transcription factors and has been shown to maintain embryonic stem (ES) cell self-renewal independently of leukemia inhibitory factor (LIF)/Stat3. Nanog mRNA is present in pluripotent mouse and human cell lines, and absent from differentiated cells. Functionally, Nanog works together with other key pluripotent factors (Oct4, Sox2, and Lin28) to reprogram human fibroblasts and generate induced pluripotent stem (iPS) cells. These key factors form a regulatory network to support or limit each other's expression level, which maintains the properties of ES cells. Affinity purified rabbit anti-Nanog can be used to demonstrate pluripotency of ES and IPS cells. There are two kinds of variants could be recognized by NANOG, one is normal form (~39kd), the other is post-translation modified form (~48kd) (21136380). Nanog exists two isoforms with molecular weight 34.4 kDa and 31.9 kDa. (PMID: 21969378)

Publications notables

Autrice	Pubmed ID	Journal	Application
Xueni Liu	31760402	Med Sci Monit	WB
Yin Yuan	36414390	J Med Chem	WB
Yang Wang	36333630	Apoptosis	WB

Stockage

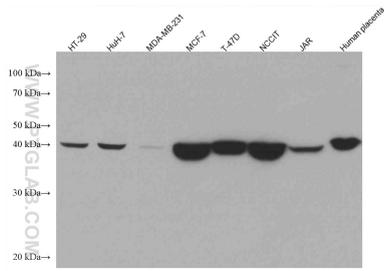
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67255-1-Ig (NANOG antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.