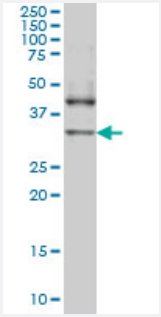
NANOG monoclonal antibody (M01), clone 2C11

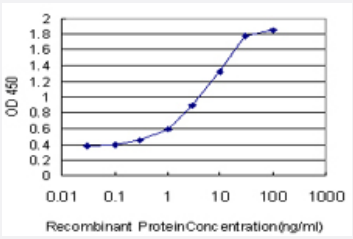
Catalog # H00079923-M01 Size 100 ug

Applications



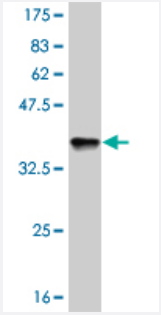
Western Blot (Cell lysate)

NANOG monoclonal antibody (M01), clone 2C11 Western Blot analysis of NANOG expression in Hela S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NANOG is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NANOG.

Immunogen	NANOG (NP_079141, 98 a.a. ~ 195 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TRTVFSSTQLCVLNDRFQRQKYLSLQQMQELSNILNLSYKQVKTWFQNQRMKSKRWQKNNWPK NSNGVTQKASAPTYPSLYSSYHQGCLVNPTGNLPM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (56); Rat (59)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  NANOG monoclonal antibody (M01), clone 2C11 Western Blot analysis of NANOG expression in Hela S3 NE (Cat # L013V3).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged NANOG is approximately 0.03ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — NANOG

Entrez GeneID	79923

GeneBank Accession#	NM_024865
Protein Accession#	NP_079141
Gene Name	NANOG
Gene Alias	-
Gene Description	Nanog homeobox
Omim ID	607937
Gene Ontology	Hyperlink
Other Designations	homeobox transcription factor Nanog|homeobox transcription factor Nanog-delta 48

Publication Reference

- Nanog1 in NTERA-2 and Recombinant NanogP8 from Somatic Cancer Cells Adopt Multiple Protein Conformations and Migrate at Multiple M.W Species.

  Liu B, Badeaux MD, Choy G, Chandra D, Shen I, Jeter CR, Rycaj K, Lee CF, Person MD, Liu C, Chen Y, Shen J, Jung SY, Qin J, Tang DG.

  PLoS One 2014 Mar; 9(3):e90615.

  Application: WB-Ce, WB-Tr, Human, NTERA-2 cells

- Transcriptional properties of human NANOG1 and NANOG2 in acute leukemic cells.

  Eberle I, Pless B, Braun M, Dingermann T, Marschalek R.

  Nucleic Acids Research 2010 Sep; 38(16):5384.

  Application: WB-Ce, WB-Tr, Human, HEK 293T cells