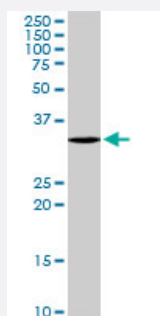


NODAL monoclonal antibody (M04), clone 5H3

Catalog # H00004838-M04

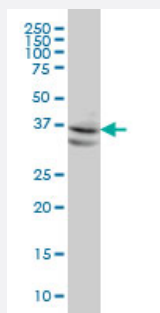
Size 100 ug

Applications



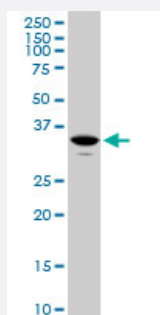
Western Blot (Cell lysate)

NODAL monoclonal antibody (M04), clone 5H3. Western Blot analysis of NODAL expression in Raw 264.7 (Cat # L024V1).



Western Blot (Cell lysate)

NODAL monoclonal antibody (M04), clone 5H3 Western Blot analysis of NODAL expression in HeLa (Cat # L013V1).

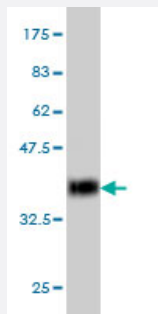
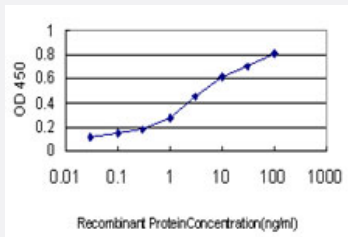


Western Blot (Cell lysate)

NODAL monoclonal antibody (M04), clone 5H3. Western Blot analysis of NODAL expression in PC-12 (Cat # L012V1).

Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (33.66 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NODAL.
Immunogen	NODAL (NP_060525, 275 a.a. ~ 346 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RCEGECPNPVGEEFHPTNHAYIQSLLKRYQPHRV PSTCCAPVKTKPLSMLYVDNGRVLLDHHKD MIVEECGC
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.66 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)

NODAL monoclonal antibody (M04), clone 5H3. Western Blot analysis of NODAL expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

NODAL monoclonal antibody (M04), clone 5H3 Western Blot analysis of NODAL expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

NODAL monoclonal antibody (M04), clone 5H3. Western Blot analysis of NODAL expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — NODAL

Entrez GeneID	4838
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GeneBank Accession#	NM_018055
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Protein Accession#	NP_060525
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Gene Name	NODAL
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Gene Alias	MGC138230
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Gene Description	nodal homolog (mouse)
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Omim ID	601265
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Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the TGF-beta superfamily. Studies of the mouse counterpart suggested that this gene may be essential for mesoderm formation and subsequent organization of axial structures in early embryonic development. [provided by RefSeq]

Other Designations

OTTHUMP00000019754|nodal|nodal, mouse, homolog

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Abnormalities](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)