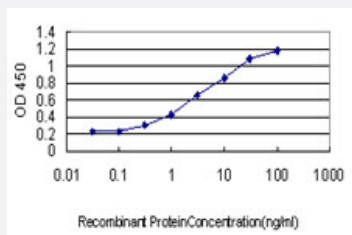


NODAL monoclonal antibody (M02), clone 4F6

Catalog # H00004838-M02

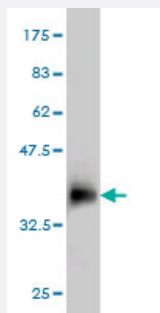
Size 100 ug

Applications



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	RCEGECPNPVGEEFHPTNHAYIQSLLKRYQPHRVPSTCCAPVTKPLSMLYVDNGRVLLDHHKD MVEECGC
Host	Mouse
Reactivity	Human

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