

NODAL monoclonal antibody (M06), clone 4D8

Catalog # H00004838-M06

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NODAL.
Immunogen	NODAL (NP_060525.3, 180 a.a. ~ 279 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	CWPRPPTPPATNVLLMLYSNLSQEQRQLGGSTLLWEAESSWRAQEGQLSWEWGKRHRRHLP DRSQLCRKVKFQVDFNLIGWGSWIYPKQYNAYRCEGE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (83)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — NODAL

Entrez GeneID	4838
GeneBank Accession#	NM_018055

Protein Accession#	NP_060525.3
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](#)