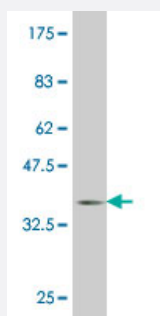


LEFTY1 monoclonal antibody (M11), clone 3B5

Catalog # H00010637-M11

Size 100 ug

Applications



Western Blot detection against Immunogen (37.66 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant LEFTY1.
Immunogen	LEFTY1 (NP_066277, 145 a.a. ~ 250 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VTVEWLRVRDDGSNRTSLIDSRLVSVHESGWKAFDVTEAVNFWQQLSRPRQPLLLQVSVQREH LGPLASGAHKLVRFASQGAPAGLGEPQLELHTLDLGDYGAQGD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (80)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.66 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](#)

- ELISA

Gene Info — LEFTY1

Entrez GeneID [10637](#)

GeneBank Accession# [NM_020997](#)

Protein Accession# [NP_066277](#)

Gene Name LEFTY1

Gene Alias LEFTB, LEFTYB

Gene Description left-right determination factor 1

Omim ID [603037](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the TGF-beta family of proteins. A similar secreted protein in mouse plays a role in left-right asymmetry determination of organ systems during development. Alternative processing of this protein can yield three different products. This gene is closely linked to both a related family member and a related pseudogene. [provided by RefSeq]

Other Designations OTTHUMP00000035572|left-right determination, factor B

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)