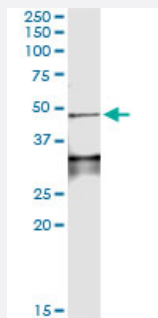


LEFTY1 monoclonal antibody (M01), clone 4D7

Catalog # H00010637-M01

Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of LEFTY1 transfected lysate using anti-LEFTY1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with LEFTY1 MaxPab rabbit polyclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant LEFTY1.
Immunogen	LEFTY1 (AAH27883, 1 a.a. ~ 366 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MQPLWLCWALWVLPLASPGAALAGEQLLGSLRQLQLKEVPTLDRADMEELVIPTHVRAQYVAL LQRSHGDRSRGKRFSQSFRVAGRFLALEASTHLLVFGMEQRLPPNSELVQAVLRLFQEPVPKA ALHRHGRLSLRSARARVTVEWLRVRDDGNSRTSLIDSRLVSVHESGWKAFDVTEAVNFWQQLS RPRQPLLLQVSVQREHLGPLASGAHKLVRFASQGAPAGLGEPQLELHTLDLGDYGAQGDCDPE APMTEGTRCCRQEMYIDLQGMKWAENWVLEPPGFLAYECVGTCTRPPEALAFKWPFLGPRQCI ASETDSLPMVSIKEGGRTRPQVVSLPNMRVQKCSASD GALVPRRLQP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (80)
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

- Immunoprecipitation

Immunoprecipitation of LEFTY1 transfected lysate using anti-LEFTY1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with LEFTY1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — LEFTY1

Entrez GeneID[10637](#)**GeneBank Accession#**[BC027883](#)**Protein Accession#**[AAH27883](#)**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](#)