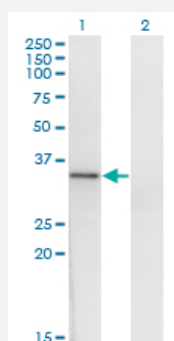


HOXD1 monoclonal antibody (M01), clone 4F4

Catalog # H00003231-M01

Size 100 ug

Applications

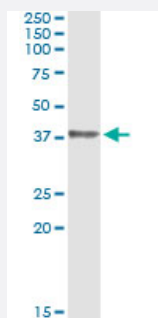


Western Blot (Transfected lysate)

Western Blot analysis of HOXD1 expression in transfected 293T cell line by HOXD1 monoclonal antibody (M01), clone 4F4.

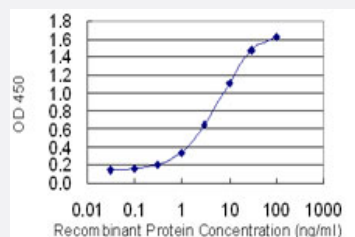
Lane 1: HOXD1 transfected lysate(34.1 KDa).

Lane 2: Non-transfected lysate.



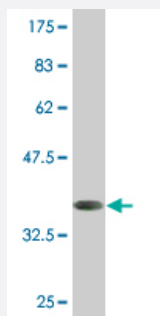
Immunoprecipitation

Immunoprecipitation of HOXD1 transfected lysate using anti-HOXD1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HOXD1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXD1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HOXD1.
Immunogen	HOXD1 (NP_078777, 151 a.a. ~ 240 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QVDYAAFGEPPGFPAACKASADGHPGAFQTASPAPGTYPKSVSPASGLPAAFSTFEWMKVKRN ASKKGKLAIEYGAASPSSAIRTNFSTKQ
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 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 (Transfected lysate)

Western Blot analysis of HOXD1 expression in transfected 293T cell line by HOXD1 monoclonal antibody (M01), clone 4F4.

Lane 1: HOXD1 transfected lysate(34.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of HOXD1 transfected lysate using anti-HOXD1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HOXD1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXD1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HOXD1

Entrez GeneID [3231](#)

GeneBank Accession# [NM_024501](#)

Protein Accession# [NP_078777](#)

Gene Name HOXD1

Gene Alias HOX4, HOX4G, Hox-4.7

Gene Description homeobox D1

Omim ID [142987](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DN A-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis. [provided by RefSeq]

Other Designations OTTHUMP00000163336|homeo box 4G|homeo box D1

Disease

- [Clubfoot](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)