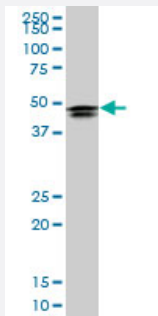


HOXD3 monoclonal antibody (M09), clone 1B12

Catalog # H00003232-M09

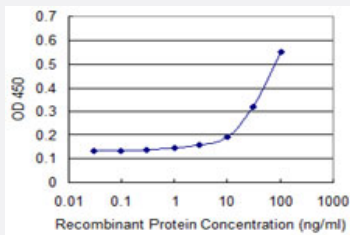
Size 100 ug

Applications



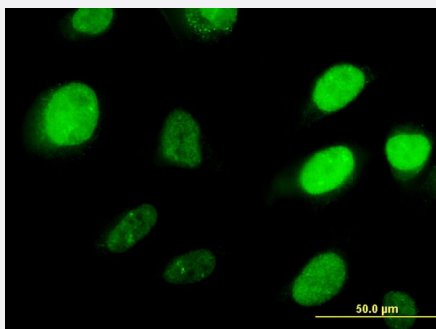
Western Blot (Cell lysate)

HOXD3 monoclonal antibody (M09), clone 1B12. Western Blot analysis of HOXD3 expression in HeLa S3 NE (Cat # L013V3).



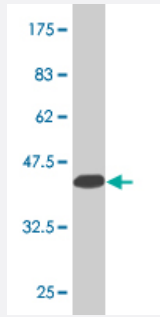
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXD3 is approximately 10ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to HOXD3 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.52 KDa) .

Specification

| | |
|--------------------------------------|--|
| Product Description | Mouse monoclonal antibody raised against a partial recombinant HOXD3. |
| Immunogen | HOXD3 (NP_008829, 334 a.a. ~ 431 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | FEPHPMASNGGGFASANLQGSPVYVGGNFVESMAPASGPVFNLGHLSHPSSASVDYSCAAQIP GNHHHGPCDPHPTYTDLSAHHSSQGRLPEAPKLTH |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (98); Rat (98) |
| Isotype | IgG2a Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 (Cell lysate)

HOXD3 monoclonal antibody (M09), clone 1B12. Western Blot analysis of HOXD3 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXD3 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HOXD3 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — HOXD3

Entrez GeneID [3232](#)

GeneBank Accession# [NM_006898](#)

Protein Accession# [NP_008829](#)

Gene Name HOXD3

Gene Alias HOX1D, HOX4, HOX4A, Hox-4.1, MGC10470

Gene Description homeobox D3

Omim ID [142980](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The protein encoded by this gene may play a role in the regulation of cell adhesion processes. [provided by RefSeq]

Other Designations Hox-4.1, mouse, homolog of|OTTHUMP00000163342|homeo box D3|homeobox protein Hox-D3

Disease

- [Clubfoot](#)