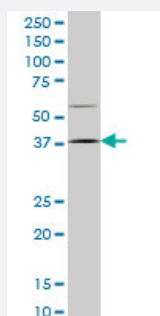


# HOXD9 monoclonal antibody (M01), clone 2A9

Catalog # H00003235-M01

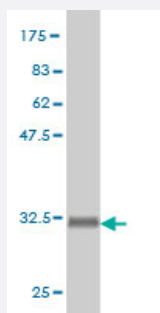
Size 100 ug

## Applications



### Western Blot (Cell lysate)

HOXD9 monoclonal antibody (M01), clone 2A9 Western Blot analysis of HOXD9 expression in NIH/3T3 ( Cat # L018V1 ).



Western Blot detection against Immunogen (33.15 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant HOXD9.
<b>Immunogen</b>	HOXD9 (NP_055028, 146 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	RHYGIKPETRAAPAPATAASTTSSSSTLSSSSSKRTECSVARESQGSSGPEFSCNSFLQEKAAA*
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Interspecies Antigen Sequence</b>	Mouse (78); Rat (70)

Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.15 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)

HOXD9 monoclonal antibody (M01), clone 2A9 Western Blot analysis of HOXD9 expression in NIH/3T3 ( Cat # L018V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — HOXD9

Entrez GeneID	<a href="#">3235</a>
GeneBank Accession#	<a href="#">NM_014213</a>
Protein Accession#	<a href="#">NP_055028</a>
Gene Name	HOXD9
Gene Alias	HOX4, HOX4C, Hox-4.3, Hox-5.2
Gene Description	homeobox D9
Omim ID	<a href="#">142982</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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 exact role of this gene has not been determined. [provided by RefSeq]

**Other Designations**

Hox-4.3, mouse, homolog of homeobox D9/homeobox protein Hox-D9

**Disease**

- [Clubfoot](#)