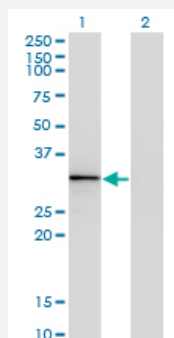


# HOXB1 monoclonal antibody (M06), clone 2F12

Catalog # H00003211-M06

Size 100 ug

## Applications

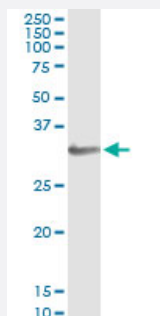


### Western Blot (Transfected lysate)

Western Blot analysis of HOXB1 expression in transfected 293T cell line by HOXB1 monoclonal antibody (M06), clone 2F12.

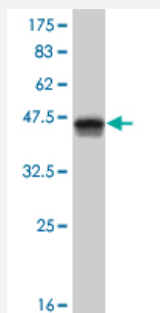
Lane 1: HOXB1 transfected lysate(25 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of HOXB1 transfected lysate using anti-HOXB1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HOXB1 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (37.73 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant HOXB1.

<b>Immunogen</b>	HOXB1 (NP_002135.2, 101 a.a. ~ 210 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	LGQSEGDGGYFHPSSYGAQLGGLSDGYGAGGAGPGPYPPQHPPYGNEQTASFAPAYADLLSED KETPCPSEPNTPTARTFDWMKVKNPPKTAKVSEPGLGSPSGLRTNF
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (82); Rat (81)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of HOXB1 expression in transfected 293T cell line by HOXB1 monoclonal antibody (M06), clone 2F12.

Lane 1: HOXB1 transfected lysate(25 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of HOXB1 transfected lysate using anti-HOXB1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HOXB1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HOXB1

Entrez GeneID	<a href="#">3211</a>
GeneBank Accession#	<a href="#">NM_002144</a>
Protein Accession#	<a href="#">NP_002135.2</a>
Gene Name	HOXB1
Gene Alias	HOX2, HOX2I, Hox-2.9, MGC116843, MGC116844, MGC116845
Gene Description	homeobox B1
Omim ID	<a href="#">142968</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 HOXB genes located in a cluster on chromosome 17. [provided by RefSeq]</p>
Other Designations	homeo box 2  homeo box B1 homeobox protein Hox-B1