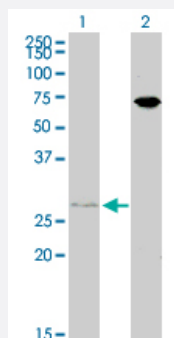


# HOXB7 monoclonal antibody (M02), clone 4A3

Catalog # H00003217-M02

Size 100 ug

## Applications

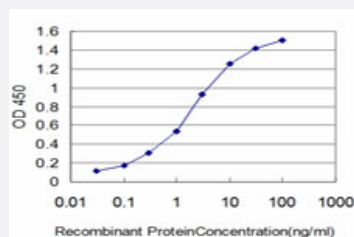


### Western Blot (Transfected lysate)

Western Blot analysis of HOXB7 expression in transfected 293T cell line by HOXB7 monoclonal antibody (M02), clone 4A3.

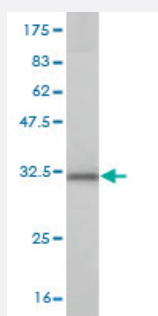
Lane 1: HOXB7 transfected lysate(24 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXB7 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (33 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HOXB7.

<b>Immunogen</b>	HOXB7 (NP_004493, 55 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MQGLYPGGGGMAGQSAAGVYAAGYGLEPSSFNMHCAPEQNLSGVCPGDSAKAAGAKEQRD SDLAA
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33 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 HOXB7 expression in transfected 293T cell line by HOXB7 monoclonal antibody (M02), clone 4A3.

Lane 1: HOXB7 transfected lysate(24 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXB7 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HOXB7

Entrez GeneID [3217](#)

GeneBank Accession# [NM\\_004502](#)

Protein Accession#	<a href="#">NP_004493</a>
Gene Name	HOXB7
Gene Alias	HHO.C1, HOX2, HOX2C, Hox-2.3
Gene Description	homeobox B7
Omim ID	<a href="#">142962</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma. [provided by RefSeq]</p>
Other Designations	homeo box 2C homeo box B7 homeo box c1 protein

## Disease

- [Hirschsprung Disease](#)