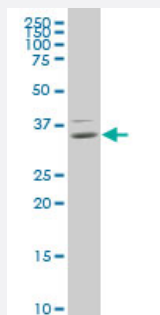


# HOXB9 monoclonal antibody (M01), clone 3C8

Catalog # H00003219-M01

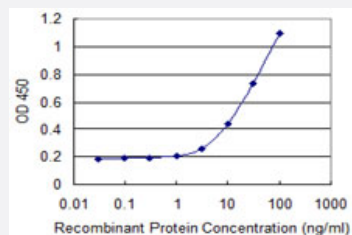
Size 100 ug

## Applications



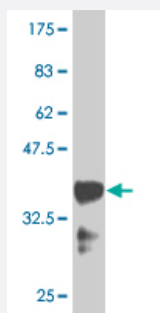
### Western Blot (Cell lysate)

HOXB9 monoclonal antibody (M01), clone 3C8 Western Blot analysis of HOXB9 expression in HepG2 ( Cat # L019V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXB9 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full-length recombinant HOXB9.

Immunogen	HOXB9 (NP_076922.1, 65 a.a. ~ 163 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PLSPHASGSLPSVYHPYIQPQGVPPEAESRYLRTWLEPAPRGEAAPGQGQAAVKAPELLGAPGEL LKQGTPEYSLETSAGREAVLSNQRPGYGDNKICEG
Host	Mouse
Reactivity	Human
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)

HOXB9 monoclonal antibody (M01), clone 3C8 Western Blot analysis of HOXB9 expression in HepG2 ( Cat # L019V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXB9 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HOXB9

Entrez GeneID	<a href="#">3219</a>
GeneBank Accession#	<a href="#">NM_024017</a>
Protein Accession#	<a href="#">NP_076922.1</a>

Gene Name	HOXB9
Gene Alias	HOX-2.5, HOX2, HOX2E
Gene Description	homeobox B9
Omim ID	<a href="#">142964</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene is a member of the Abd-B 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 leukemia, prostate cancer and lung cancer. [provided by RefSeq]</p>
Other Designations	homeo box 2E homeo box B9

## Publication Reference

- [Elevated HOXB9 expression promotes differentiation and predicts a favourable outcome in colon adenocarcinoma patients.](#)

Zhan J, Niu M, Wang P, Zhu X, Li S, Song J, He H, Wang Y, Xue L, Fang W, Zhang H.

British Journal of Cancer 2014 Aug; 111(5):883.

Application: WB-Ce, WB-Tr, Human, Mouse, SW480, SW620, HCT116, RKO, LST, SW1116, HT29, T47D, Hs578T, SUM159 cells, Colon, Intestine, Duodenum

## Disease

- [Genetic Predisposition to Disease](#)
- [Hip Dislocation](#)