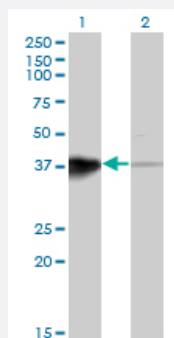


HOXB5 monoclonal antibody (M01), clone 3F10

Catalog # H00003215-M01

Size 100 ug

Applications

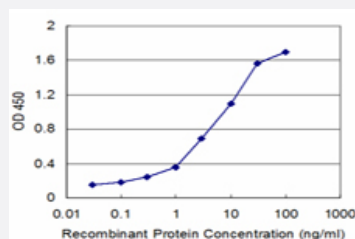


Western Blot (Transfected lysate)

Western Blot analysis of HOXB5 expression in transfected 293T cell line by HOXB5 monoclonal antibody (M01), clone 3F10.

Lane 1: HOXB5 transfected lysate (29.4 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXB5 is approximately 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HOXB5.

Immunogen	HOXB5 (NP_002138.1, 170 a.a. ~ 267 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EGQTPQIFPWMRKLHISHDMTGPDGKRARTAYTRYQTLELEKEFHFNRYLTRRRRIEIAHALCLSERQIKWIFQNRRMKWKKDNKLKSM SLATAGSAF
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 (Transfected lysate)

Western Blot analysis of HOXB5 expression in transfected 293T cell line by HOXB5 monoclonal antibody (M01), clone 3F10.

Lane 1: HOXB5 transfected lysate(29.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXB5 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HOXB5

Entrez GeneID [3215](#)

GeneBank Accession# [NM_002147](#)

Protein Accession#	NP_002138.1
Gene Name	HOXB5
Gene Alias	HHO.C10, HOX2, HOX2A, HU-1, Hox2.1
Gene Description	homeobox B5
Omim ID	142960
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeo box DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. [provided by RefSeq</p>
Other Designations	homeo box 2A homeo box B5