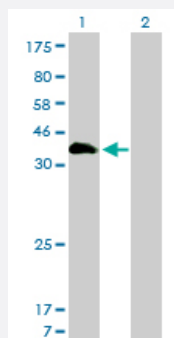


HOXA11 monoclonal antibody (M01), clone 7E12

Catalog # H00003207-M01

Size 100 ug

Applications

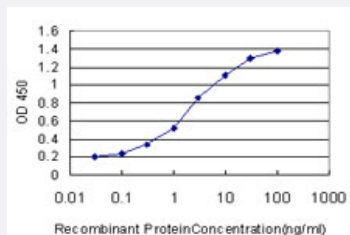


Western Blot (Transfected lysate)

Western Blot analysis of HOXA11 expression in transfected 293T cell line by HOXA11 monoclonal antibody (M01), clone 7E12.

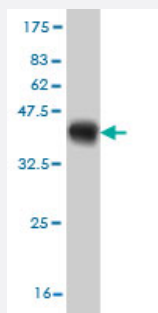
Lane 1: HOXA11 transfected lysate (34.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXA11 is approximately 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.51 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HOXA11.

Immunogen	HOXA11 (NP_005514, 60 a.a. ~ 166 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VTFREYAIEPATKWHPRGNLAHCYSAEELVHRDCLQAPSAAGVPGDVLAKSSANVYHHPTPAVS SNFYSTVGRNGVLPQAFDQFFETAYGTPENLASSDYPGDKSAE
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 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 HOXA11 expression in transfected 293T cell line by HOXA11 monoclonal antibody (M01), clone 7E12.

Lane 1: HOXA11 transfected lysate(34.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXA11 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HOXA11

Entrez GeneID [3207](#)

GeneBank Accession# [NM_005523](#)

Protein Accession#	NP_005514
Gene Name	HOXA11
Gene Alias	HOX1, HOX1I
Gene Description	homeobox A11
Omim ID	142958 605432
Gene Ontology	Hyperlink
Gene Summary	<p>In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000025055 homeo box 1 homeo box A11 homeobox protein HOXA11

Disease

- [Clubfoot](#)
- [Congenital Abnormalities](#)