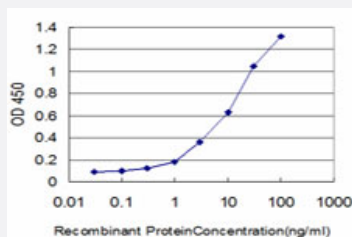


# HOXA11 monoclonal antibody (M04), clone 8E10

Catalog # H00003207-M04

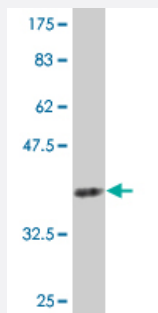
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXA11 is approximately 0.3ng/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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXA11 is approximately 0.3ng/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**

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]

**Other Designations**

OTTHUMP00000025055||homeo box 1||homeo box A11||homeobox protein HOXA11

**Disease**

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