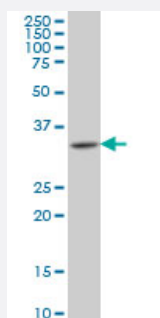


# HOXA11 monoclonal antibody (M08), clone 5A3

Catalog # H00003207-M08

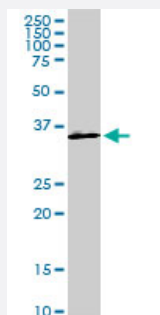
Size 100 ug

## Applications



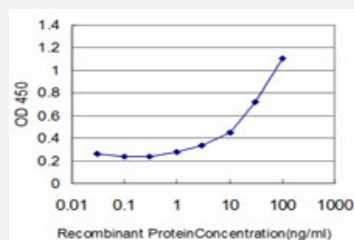
### Western Blot (Cell lysate)

HOXA11 monoclonal antibody (M08), clone 5A3. Western Blot analysis of HOXA11 expression in Raw 264.7.



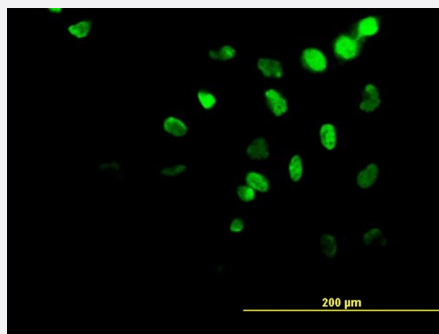
### Western Blot (Cell lysate)

HOXA11 monoclonal antibody (M08), clone 5A3. Western Blot analysis of HOXA11 expression in NIH/3T3 (Cat # L018V1).



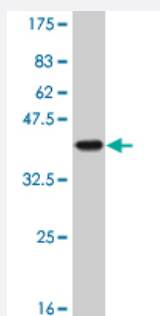
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXA11 is approximately 1 ng/ml as a capture antibody.



## Immunofluorescence

Immunofluorescence of monoclonal antibody to HOXA11 on HeLa cell.  
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.51 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant HOXA11.
<b>Immunogen</b>	HOXA11 (NP_005514, 60 a.a. ~ 166 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	VTFREYAIEPATKWHPRGNLAHCYSAEELVHRDCLQAPSAAGVPGDVLAKSSANVYHHPTPAVS SNFYSTVGRNGVLPQAFDQFFETAYGTPENLASSDYPGDKSAE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Isotype</b>	IgG3 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 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 (Cell lysate)

HOXA11 monoclonal antibody (M08), clone 5A3. Western Blot analysis of HOXA11 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

HOXA11 monoclonal antibody (M08), clone 5A3. Western Blot analysis of HOXA11 expression in NIH/3T3(Cat # L018V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXA11 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HOXA11 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — HOXA11

Entrez GeneID	<a href="#">3207</a>
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GeneBank Accession#	<a href="#">NM_005523</a>
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Protein Accession#	<a href="#">NP_005514</a>
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Gene Name	HOXA11
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Gene Alias	HOX1, HOX11
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Gene Description	homeobox A11
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Omim ID	<a href="#">142958 605432</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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**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](#)