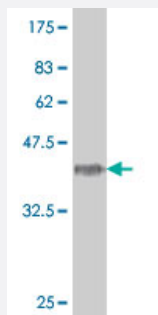


# HOXA5 monoclonal antibody (M12), clone 4F2

Catalog # H00003202-M12

Size 100 ug

## Applications



Western Blot detection against Immunogen (38.21 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length recombinant HOXA5.
<b>Immunogen</b>	HOXA5 (NP_061975, 91 a.a. ~ 200 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	TSTHSPQPDPLPCSAVAPSPGSDSHHGGKNSLSNSSGASADAGSTHSSREGVGTASGAEEDA PASSEQASAQSESPAPPAQPQIYPWMRKLHISHDNIGGPEGKRART*
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 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 (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — HOXA5

Entrez GeneID [3202](#)

GeneBank Accession# [NM\\_019102](#)

Protein Accession# [NP\\_061975](#)

Gene Name HOXA5

Gene Alias HOX1, HOX1.3, HOX1C, MGC9376

Gene Description homeobox A5

Omim ID [142952](#)

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. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis. [provided by RefSeq]

**Other Designations** homeo box 1C|homeo box A5|homeobox protein HOXA5

## Disease

- [Clubfoot](#)