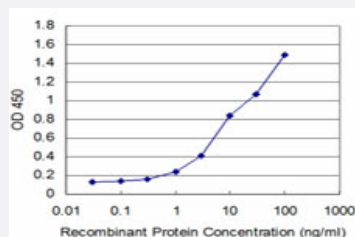


# HOXA5 monoclonal antibody (M09), clone 1E7

Catalog # H00003202-M09

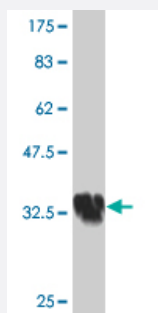
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXA5 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HOXA5.

### Immunogen

HOXA5 (NP\_061975.1, 171 a.a. ~ 270 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

PAQPQYPWMRKLHISHDNIGGPEGKRARTAYTRYQTLELEKEFHFNRYLTRRRRIEIAHALCLSER  
QIKWLFQNRMRKWKDNKLKSMMAAAGGAFRP

### Host

Mouse

### Reactivity

Human

### Isotype

IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.63 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 HOXA5 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HOXA5

**Entrez GeneID**

[3202](#)

**GeneBank Accession#**

[NM\\_019102.1](#)

**Protein Accession#**

[NP\\_061975.1](#)

**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](#)