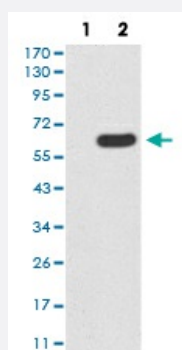


# HOXA9 monoclonal antibody, clone 5C7C6

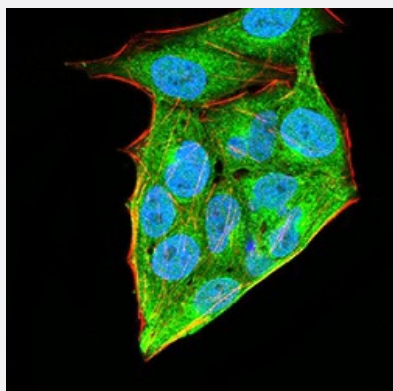
Catalog # MAB17163      Size 100 ug

## Applications



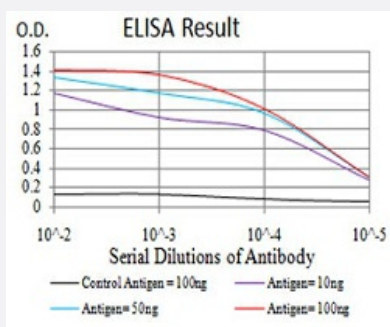
### Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) HOXA9-hlgGf transfected HEK293 cell lysate.



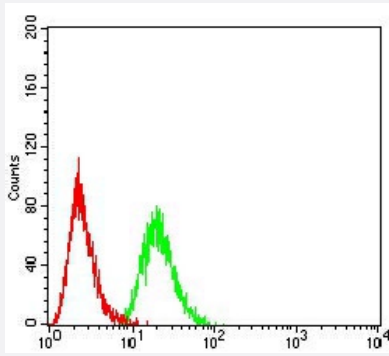
### Immunocytochemistry

Immunocytochemical staining of HeLa cells with HOXA9 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HOXA9 monoclonal antibody, clone 5C7C6.



## Flow Cytometry

Flow cytometric analysis of HeLa cells with HOXA9 monoclonal antibody (green) and negative control (red).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant human HOXA9.
<b>Immunogen</b>	Recombinant protein corresponding to amino acid 1-272 of human HOXA9 from <i>E. coli</i> .
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	30.2kDa
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG2a
<b>Recommend Usage</b>	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) HOXA9-hlgGFc transfected HEK293 cell lysate.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with HOXA9 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HOXA9 monoclonal antibody, clone 5C7C6.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with HOXA9 monoclonal antibody (green) and negative control (red).

## Gene Info — HOXA9

**Entrez GeneID** [3205](#)

**Gene Name** HOXA9

**Gene Alias** ABD-B, HOX1, HOX1.7, HOX1G, MGC1934

**Gene Description** homeobox A9

**Omim ID** [142956](#)

**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 highly similar to the abdominal-B (Abd-B) gene of Drosophila. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis. [provided by RefSeq]

**Other Designations** homeo box A9|homeobox protein HOXA9|homeodomain protein HOXA9

## Disease

- [Clubfoot](#)
- [Tobacco Use Disorder](#)