



[Go to Product page](#)

Datasheet for ABIN5542329

## anti-HOXA9 antibody (AA 1-272)

### 5 Images

#### Overview

Quantity:	0.1 mg
Target:	HOXA9
Binding Specificity:	AA 1-272
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HOXA9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	Purified recombinant fragment of human HOXA9 (AA: 1-272) expressed in E. coli.
Clone:	1A12C1
Isotype:	IgG1
Purification:	purified

#### Target Details

Target:	HOXA9
Alternative Name:	HOXA9 ( <a href="#">HOXA9 Products</a> )
Background:	Description: In vertebrates, the genes encoding the class of transcription factors called

## Target Details

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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. Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.,

Aliases: HOX1, ABD-B, HOX1G, HOX1.7

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Molecular Weight:	30.2 kDa
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Gene ID:	3205
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HGNC:	3205
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## Application Details

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Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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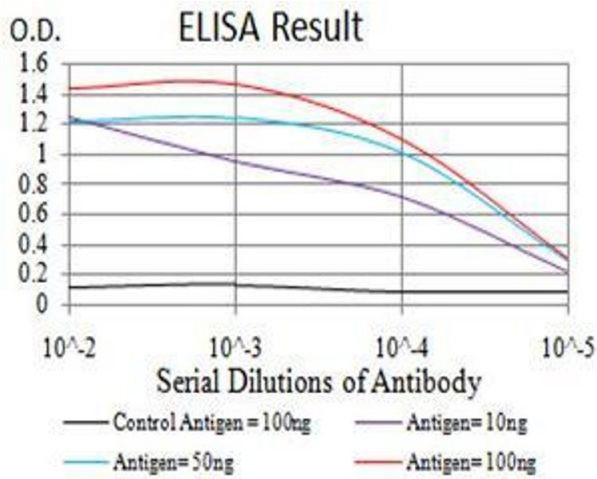
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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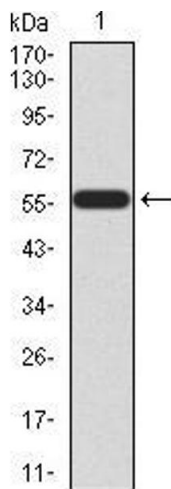
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Storage Comment:	4°C, -20°C for long term storage
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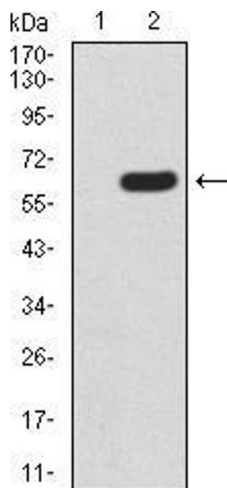
**ELISA**

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



**Western Blotting**

**Image 2.** Western blot analysis using HOXA9 mAb against human HOXA9 (AA: 1-272) recombinant protein. (Expected MW is 56.1 kDa)



**Western Blotting**

**Image 3.** Western blot analysis using HOXA9 mAb against HEK293 (1) and HOXA9 (AA: 1-272)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542329.