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Datasheet for ABIN5542330
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:	5C7C6
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	HOXA9
Alternative Name:	HOXA9 (HOXA9 Products)
Background:	Description: In vertebrates, the genes encoding the class of transcription factors called

Target Details

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

Molecular Weight: 30.2 kDa

Gene ID: 3205

HGNC: 3205

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

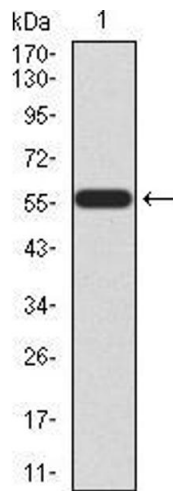
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

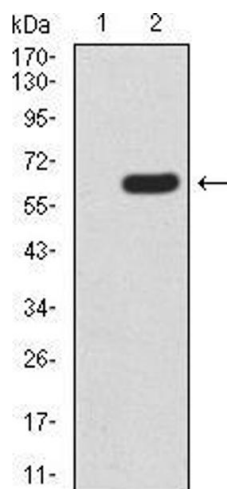
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



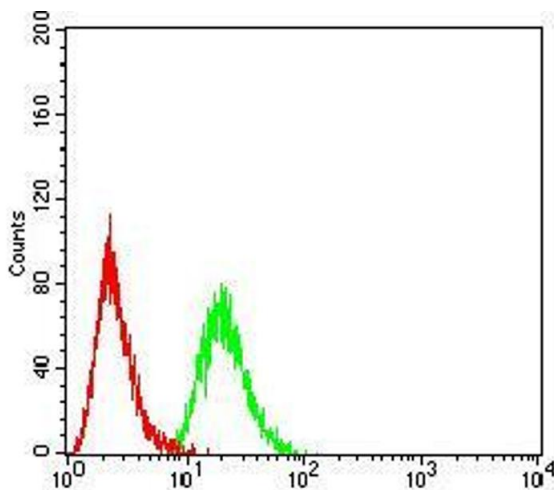
Western Blotting

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



Western Blotting

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



Flow Cytometry

Image 3. Flow cytometric analysis of HeLa cells using HOXA9 mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542330.