

Datasheet for ABIN931146  
**anti-HOXB5 antibody**



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1 Image

## Overview

Quantity:	100 µg
Target:	HOXB5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HOXB5 antibody is un-conjugated
Application:	Dot Blot (DB)

## Product Details

Immunogen:	HOXB5 antibody was raised in mouse using recombinant Human Homeo Box B5
Clone:	133C3a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

## Target Details

Target:	HOXB5
Alternative Name:	HOXB5 ( <a href="#">HOXB5 Products</a> )
Background:	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a

## Target Details

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homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. Synonyms: Monoclonal HOXB5 antibody, Anti-HOXB5 antibody, Homeobox protein Hox-B5 antibody, HOX2 antibody, HU-1 antibody, HOX2A antibody, Hox2.1 antibody, HHO.C10 antibody.

## Application Details

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Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Concentration: Lot specific

Buffer: HOXB5 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

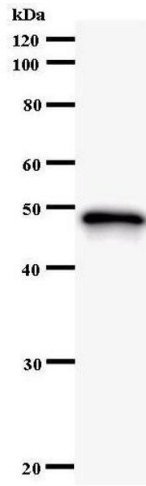
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



## Western Blotting

Image 1.