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Datasheet for ABIN5004817  
**anti-HOXB5 antibody (AA 181-269) (Alexa Fluor 750)**

### Overview

Quantity:	100 µL
Target:	HOXB5
Binding Specificity:	AA 181-269
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB5 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Flow Cytometry (FACS)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HOXB5
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	HOXB5
Alternative Name:	HOXB5 ( <a href="#">HOXB5 Products</a> )
Background:	Synonyms: Homeo box 2A, Homeo box B5, Homeobox 2A, Homeobox B5, Homeobox protein

## Target Details

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HHO.C10, Homeobox protein Hox B5, Homeobox protein Hox-2A, Homeobox protein Hox-B5, Homeobox protein HoxB5, Homeobox protein Hu-1, Homeobox2A, HomeoboxB5, HOX 2, Hox 2.1, HOX 2A, HOX B5, HOX2, Hox2.1, HOX2A, HOXB 5, Hoxb5, HU 1, HU1, HXB5\_HUMAN.

Background: This gene is a member of the Antp homeobox family and encodes a nuclear protein with a 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. [provided by RefSeq, Jul 2008].

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Gene ID: 3215

## Application Details

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Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months