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Datasheet for ABIN702118  
**anti-HOXB4 antibody (AA 151-251) (Cy3)**

### Overview

Quantity:	100 µL
Target:	HOXB4
Binding Specificity:	AA 151-251
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB4 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HOXB4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog, Sheep, Pig, Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	HOXB4
Alternative Name:	HOXB4 ( <a href="#">HOXB4 Products</a> )

## Target Details

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Background: Synonyms: Homeo box 2F, Homeo box B4, Homeobox 2F, Homeobox B4, Homeobox protein Hox B4, Homeobox protein HoxB4, HOX 2, Hox 2.6, Hox 2F, HOX B4, HOX2, HOX-2 Hox2.6, Hox2F, HOXB 4, HOXB-4.

Background: HOXB4 is a homeodomain-containing transcription factor with diverse roles in embryonic development and the regulation of adult stem cells. It promotes proliferation of hematopoietic stem cells and can both activate and repress apoptosis.

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Gene ID: 3214

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UniProt: [P17483](#)

## 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