

## ARG59637 anti-HOXB5 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXB5
Tested Reactivity	Hu, Zfsh
Predict Reactivity	Bov, Rat, Chk, Dm, Xenopus
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXB5
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 193-222 of Human HOXB5.
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hu-1; HOX2; HOX2A; HHO.C10; HU-1; Homeobox protein Hox-B5; Homeobox protein HHO.C10; Hox2.1; Homeobox protein Hox-2A

### Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Zebrafish muscle	

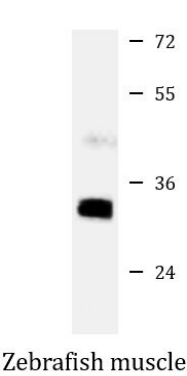
### Properties

Form	Liquid
Purification	Saturated Ammonium Sulfate precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

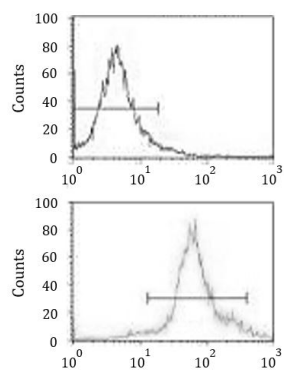
Gene Symbol	HOXB5
Gene Full Name	homeobox B5
Background	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription 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]
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. [UniProt]
Calculated Mw	29 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59637 anti-HOXB5 antibody WB image

Western blot: 35 µg of Zebrafish muscle lysate stained with ARG59637 anti-HOXB5 antibody at 1:1000 dilution.



ARG59637 anti-HOXB5 antibody FACS image

Flow Cytometry: WiDr cells stained with ARG59637 anti-HOXB5 antibody (bottom histogram) or without primary antibody as control (top histogram), followed by incubation with FITC labelled secondary antibody.