

ARG59623 anti-HOXB5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXB5
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXB5
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-170 of Human HOXB5 (NP_002138.1).
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
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HT-29	
Observed Size	29 kDa	

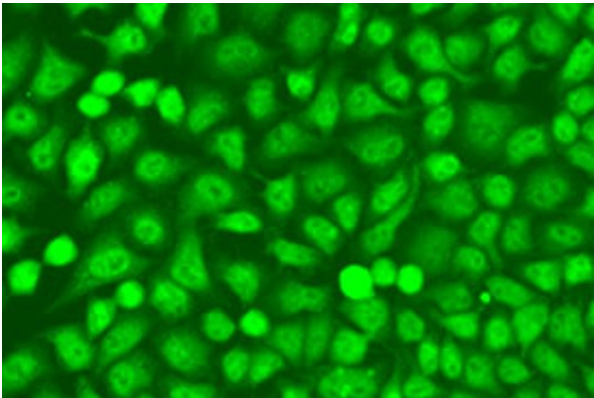
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

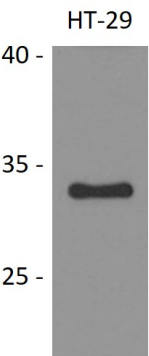
Gene Symbol	HOXB5
Gene Full Name	homeobox B5
Background	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription 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



ARG59623 anti-HOXB5 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG59623 anti-HOXB5 antibody at 1:100 dilution.



ARG59623 anti-HOXB5 antibody WB image

Western blot: 25 µg of HT-29 cell lysate stained with ARG59623 anti-HOXB5 antibody at 1:1000 dilution.