Datasheet for ABIN7267767

anti-HOXB4 antibody

1 Image

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Overview

Quantity:	100 µL
Target:	HOXB4
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HOXB4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HOXB4 Rabbit mAb
Immunogen:	A synthesized peptide derived from human HOXB4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HOXB4
Alternative Name:	HOXB4 (HOXB4 Products)
Background:	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a

Target Details

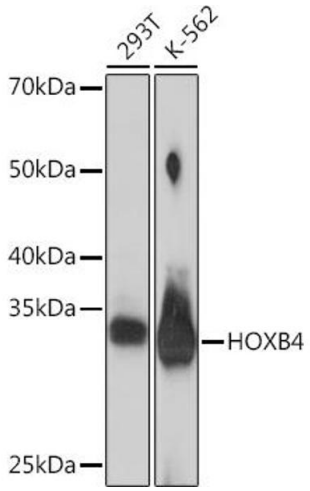
	homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion. [provided by RefSeq, Jul 2008],HOX-2.6, HOX2, HOX2F,Epigenetics & Nuclear Signaling,Hematopoietic Progenitors,Stem Cells,Transcription Factors,HOXB4
Molecular Weight:	34kDa
Gene ID:	3214
UniProt:	P17483

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HOXB4 Rabbit mAb (ABIN7267767) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

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