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Datasheet for ABIN516627

anti-HOXB1 antibody (AA 101-210)

3 Images

Overview

Quantity:	100 µg
Target:	HOXB1
Binding Specificity:	AA 101-210
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HOXB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant HOXB1.
Immunogen:	HOXB1 (NP_002135.2, 101 a.a. ~ 210 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LGQSEGDGGY FHPSSYGAQL GGLSDGYGAG GAGPGPYPPQ HPPYGNEQTA SFAPAYADLL SEDKETPCPS EPNTPTARTF DWMKVKRNP KTAKVSEPL GSPSGLRTNF
Clone:	2F12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HOXB1
Alternative Name:	HOXB1 (HOXB1 Products)
Background:	Full Gene Name: homeobox B1 Synonyms: HOX2,HOX2I,Hox-2.9,MGC116843,MGC116844,MGC116845
Gene ID:	3211
NCBI Accession:	NM_002144

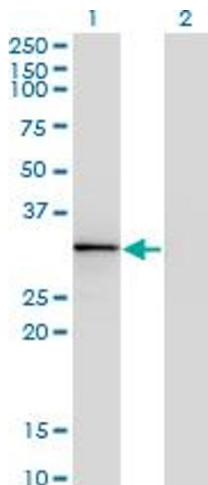
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

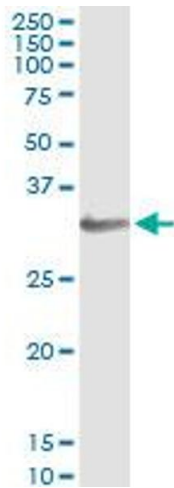


Western Blotting

Image 1. Western Blot analysis of HOXB1 expression in transfected 293T cell line by HOXB1 monoclonal antibody (M06), clone 2F12.

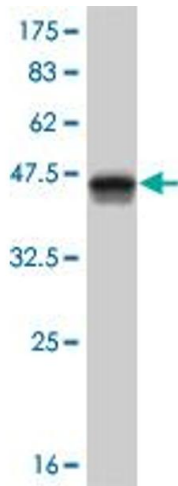
Lane 1: HOXB1 transfected lysate(25 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Image 2. Immunoprecipitation of HOXB1 transfected lysate using anti-HOXB1 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with HOXB1 MaxPab rabbit polyclonal antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.73 KDa) .