Product datasheet

Anti-ZEB1 Antibody (Clone#8B12D7)

Catalog Number: *M00548-2*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-ZEB1 Antibody (Clone#8B12D7)
Gene Name	ZEB1
Source	Mouse
Isotype	IgG2b
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, IF
Contents	500 ug/ml antibody with PBS，0.02% NaN3, 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence of human AREB6/ZEB1 (LLKAYYALNAQPSAEELSKIADSVNLPLDVVKKWFEKMQ).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	200KD
Dilution Ratios	Western blot (WB): 1:500-2000 Immunofluorescence (IF): 1:50-400 Immunohistochemistry in paraffin section (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

ZEB1 (Zinc Finger E Box-Binding Homeobox 1), also called TCF8, NIL2A or DELTA-EF1, is a protein that in humans is encoded by the ZEB1 gene. Fluorescence in situ hybridization localized the ZEB1 gene to chromosome 10p11.2. Krafchak et al. (2005) demonstrated a complex (core plus secondary) binding site for TCF8 in the promoter of the COL4A3 gene, mutant in Alport syndrome and which encodes collagen type IV alpha-3. They detected expression of TCF8 in cornea. Nishimura et al. (2006) found that delta-Ef1 was upregulated during differentiation in a mouse smooth muscle cell (SMC) line.

Selected Validation Data

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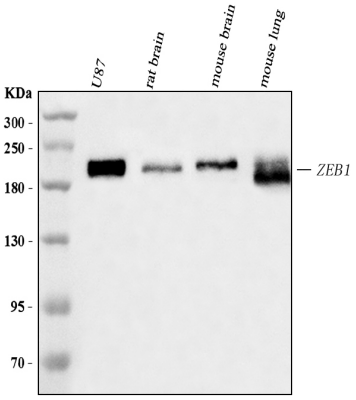

Figure 1. Western blot analysis of anti- ZEB1 antibody (M00548-2). The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: U87 whole cell lysates,
Lane 2: rat brain tissue lysates,
Lane 3: mouse brain tissue lysates,
Lane 4: mouse lung tissue lysates.
Use mouse anti- ZEB1 1:1000, probed with a goat anti-mouse IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001). A specific band was detected for ZEB1 at approximately 200KD. The expected band size for ZEB1 is at 124KD.

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