

Mouse anti-Human ZEB1 Monoclonal Antibody | anti-ZEB1 antibody

ZEB1 antibody (Ascites)

CATALOG # AAA283487	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

ZEB1; Monoclonal Antibody; ZEB1 antibody (Ascites); Zinc finger E-box-binding homeobox 1; NIL-2-A zinc finger protein; Negative regulator of IL2; Transcription factor 8; TCF-8; AREB6; TCF8; anti-ZEB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,K
Clone Number	213CT14.1.5
Specificity	This ZEB1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 69-97 amino acids from human ZEB1.
Form/Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Sequence Positions	69-97
Sequence Length	1108
Applicable Applications for anti-ZEB1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ZEB1 Antibody (Ascites) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

ZEB1 Antibody (Ascites) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the ZEB1 antibody detected the ZEB1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ZEB1 antibody

This gene encodes a zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described.

Product Categories/Family for anti-ZEB1 antibody	Cancer
References	Drake, J.M., et al. J. Biol. Chem. 285(44):33940-33948(2010) Takeyama, Y., et al. Cancer Lett. 296(2):216-224(2010) Nakahata, S., et al. Oncogene 29(29):4157-4169(2010) Mehta, J.S., et al. Invest. Ophthalmol. Vis. Sci. 49(1):184-188(2008) Manavella, P.A., et al. Biochem. Biophys. Res. Commun. 360(3):621-626(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189409130
NCBI GeneID	6935
NCBI Accession #	NP_001121600.1; NP_001167564.1; NP_001167565.1; NP_001167566.1; NP_001167567.1; NP_110378.3
NCBI GenBank Nucleotide #	NM_001128128.2
UniProt Accession #	P37275; Q12924; Q13800; Q2KJ05; Q5T968; Q5VZ84; Q8NB68; B4DJV0; B4DUW9; E9PCM7; F5H4I8
Molecular Weight	124074
NCBI Official Full Name	zinc finger E-box-binding homeobox 1 isoform a
NCBI Official Synonym Full Names	zinc finger E-box binding homeobox 1
NCBI Official Symbol	ZEB1
NCBI Official Synonym Symbols	BZP; TCF8; AREB6; FECD6; NIL2A; PPCD3; ZFHEP; ZFHX1A; DELTAEF1
NCBI Protein Information	zinc finger E-box-binding homeobox 1
UniProt Protein Name	Zinc finger E-box-binding homeobox 1
UniProt Gene Name	ZEB1
UniProt Synonym Gene Names	AREB6; TCF8; TCF-8
UniProt Entry Name	ZEB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.