

For Research Use Only

# ZEB1 Monoclonal antibody, PBS Only



Catalog Number: 66279-1-PBS

## Basic Information

Catalog Number:

66279-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17118

GenBank Accession Number:

BC112392

GeneID (NCBI):

6935

UNIPROT ID:

P37275

Full Name:

zinc finger E-box binding homeobox 1

Calculated MW:

1125 aa, 124 kDa

Observed MW:

190-200 kDa

Purification Method:

Protein A purification

CloneNo.:

1H1F1

## Applications

Tested Applications:

WB,IHC,ELISA

Species Specificity:

human

## Background Information

ZEB1(zinc-finger-enhancer binding protein 1), which is a members of the Zincfinger-Homeobox (ZFH)-family of repressors, acts as a transcriptional repressor that inhibits interleukin-2 (IL-2) gene expression. Depending on the quantity of cDNA and on the cell type, ZEB1 can enhance or repress the promoter activity of the ATP1A1 gene . Represses E-cadherin promoter and induces an epithelial-mesenchymal transition (EMT) by recruiting SMARCA4/BRG1. Represses BCL6 transcription in the presence of the corepressor CTBP1. Positively regulates neuronal differentiation. The calculated molecular weight of ZEB1 is 124 kDa, but the post phosphorylation of protein is about 190-210 kDa.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS only

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

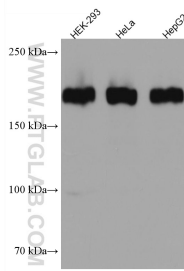
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

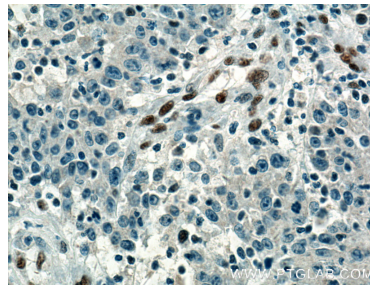
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66279-1-Ig (ZEB1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66279-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66279-1-Ig (ZEB1 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66279-1-PBS in a different storage buffer formulation.