

For Research Use Only

# ZEB1 Monoclonal antibody, PBS Only

Catalog Number: 66279-1-PBS



## Basic Information

|                                      |                                                    |                                                |
|--------------------------------------|----------------------------------------------------|------------------------------------------------|
| Catalog Number:<br>66279-1-PBS       | GenBank Accession Number:<br>BC112392              | Purification Method:<br>Protein A purification |
| Concentration:<br>1mg/ml             | GeneID (NCBI):<br>6935                             | CloneNo.:<br>1H1F1                             |
| Source:<br>Mouse                     | UNIPROT ID:<br>P37275                              |                                                |
| Isotype:<br>IgG1                     | Full Name:<br>zinc finger E-box binding homeobox 1 |                                                |
| Immunogen Catalog Number:<br>AG17118 | Calculated MW:<br>1125 aa, 124 kDa                 |                                                |
|                                      | Observed MW:<br>190-210 kDa                        |                                                |

## Applications

Tested Applications:  
WB, IHC, ELISA

Species Specificity:  
human

## Background Information

ZEB1(zinc-finger-enhancer binding protein 1), which is a member of the Zinc finger-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 -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS only, pH7.3

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

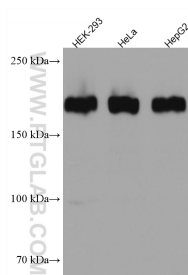
T: 4006900926

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

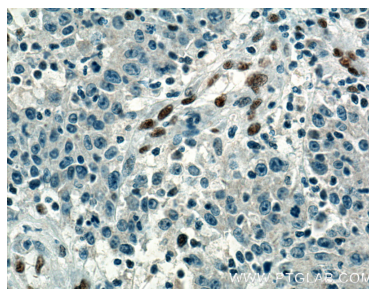
W: [ptgcn.com](http://ptgcn.com)

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## 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.