

## ZEB1 Antibody

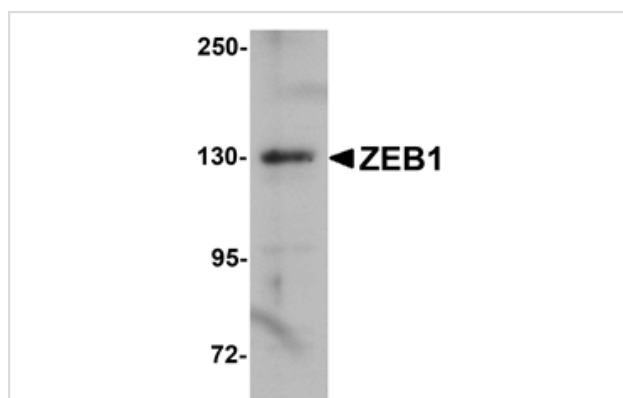
Catalog No: #25144

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

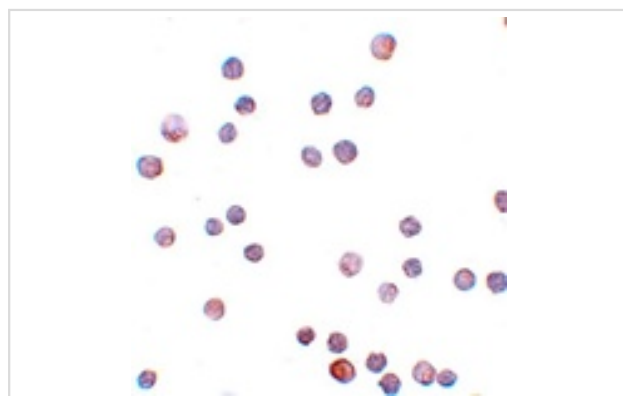
## Description

Product Name	ZEB1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the center of human ZEB1.
Target Name	ZEB1
Other Names	Zinc finger E-box binding homeobox 1, BZP, TCF8, AREB6, FECD6, NIL2A, ZFHEP, ZFHX1A, DELTAEF1
Accession No.	Swiss-Prot:P37275Gene ID:6935
Uniprot	P37275
GeneID	6935;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

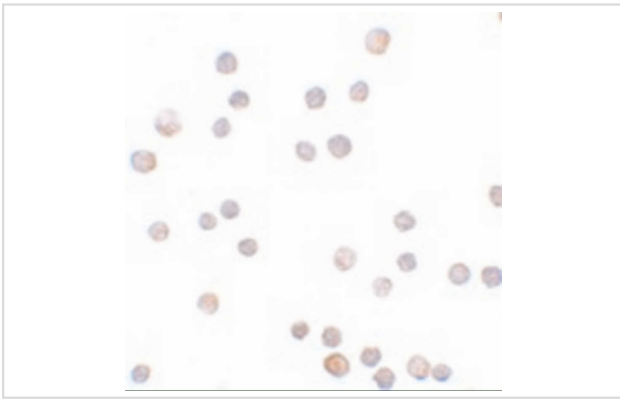
## Images



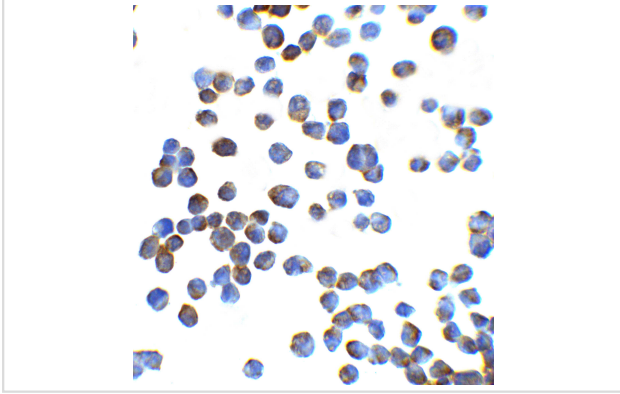
Western blot analysis of ZEB1 in HeLa cell lysate with ZEB1 antibody at 1ug/mL.



Immunocytochemistry of ZEB1 in HeLa cells with ZEB1 antibody at 20 ug/mL.



Immunocytochemistry of ZEB1 in HeLa cells with ZEB1 antibody at 20 µg/mL.



Immunocytochemistry of ZEB1 in K562 cells with ZEB1 antibody at 2.5 µg/ml.

## Background

ZEB1, initially identified as the delta-crystallin enhancer binding protein delta EF1, is a DNA-binding protein that binds to a modified E-box sequence and has been implicated in postgastrulation embryogenesis. ZEB1 binds to the promoter of several hemapoietic genes, including interleukin-2, CD4, GATA-3, and alpha-integrin, and mice in which ZEB1 has been targeted show thymic atrophy, and severe defects in lymphocyte differentiation. Recent evidence suggests that ZEB1 also regulates the accumulation of adipose tissue and may play a role in obesity. Mutations in this gene have been associated with late-onset Fuchs endothelial corneal dystrophy.

Note: This product is for in vitro research use only