

Product datasheet for **CF802298**

AREB6 (ZEB1) Mouse Monoclonal Antibody [Clone ID: OTI3G6]

Product data:

| | |
|--------------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3G6 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-350 of human ZEB1 (NP_110378) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 123.9 kDa |
| Gene Name: | zinc finger E-box binding homeobox 1 |
| Database Link: | NP_110378 Entrez Gene 21417 Mouse Entrez Gene 25705 Rat Entrez Gene 6935 Human P37275 |



[View online »](#)

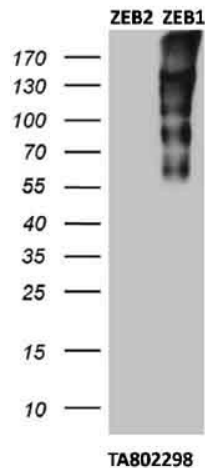
Background: This gene encodes a zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Mar 2010]

Synonyms: AREB6; BZP; DELTAEF1; FECD6; NIL2A; PPCD3; TCF8; ZFHEP; ZFHX1A

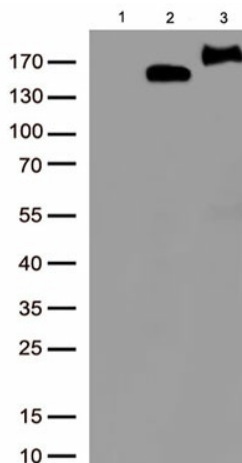
Note: This ZEB1 antibody (TA802298) does not cross-react with ZEB2

Protein Families: Transcription Factors

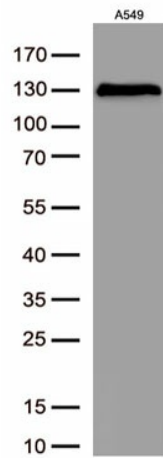
Product images:



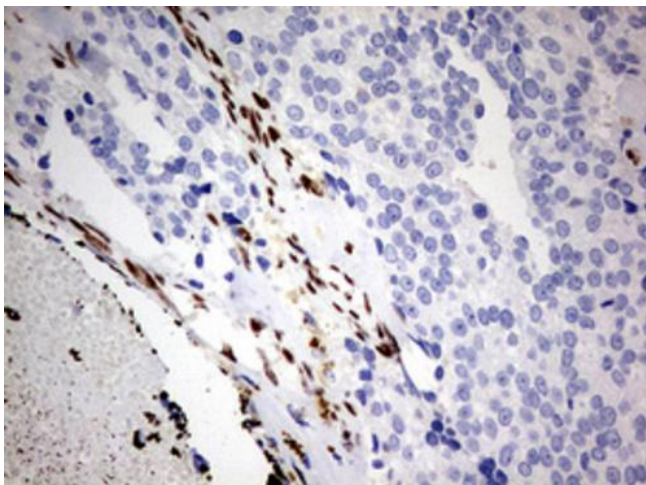
Cross-reactivity test with ZEB2: HEK293T cells were transfected with plasmids overexpressing either ZEB2 (left) or ZEB1 (right) and immunoblotted with anti-ZEB1 ([TA802298]).



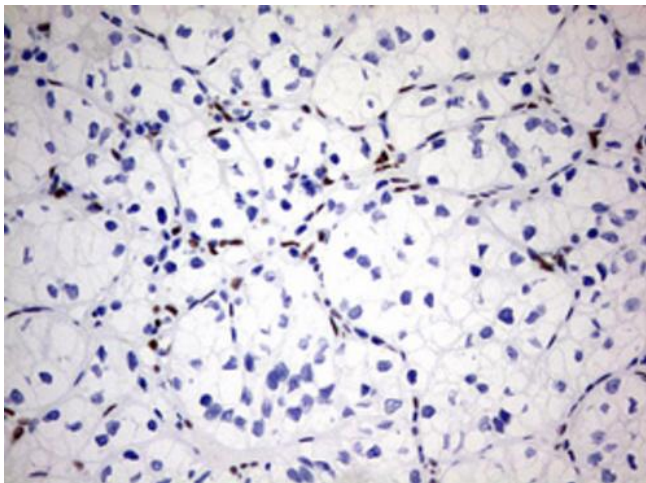
Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1) , human ZEB1 plasmid ([RC217704], lane 2), mouse ZEB1 plasmid ([MR223095], lane 3), , using anti-PCDH7 antibody [TA802298] (1:500).



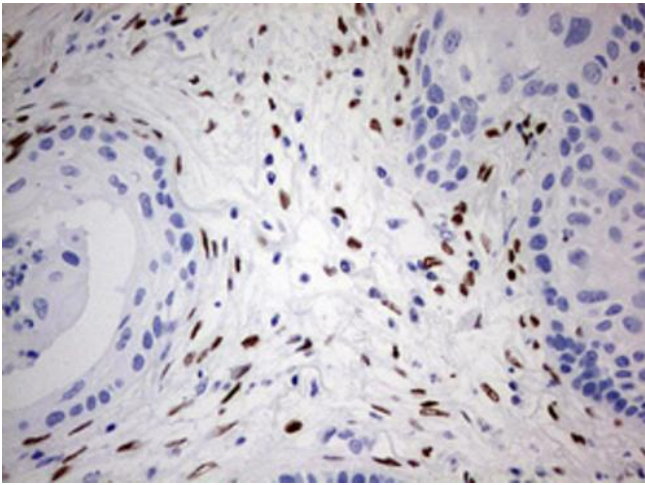
Western blot analysis of extracts(50ug) from A549 cell lines lysates by using anti-ZEB1 monoclonal antibody. ([TA802298], 1:500)



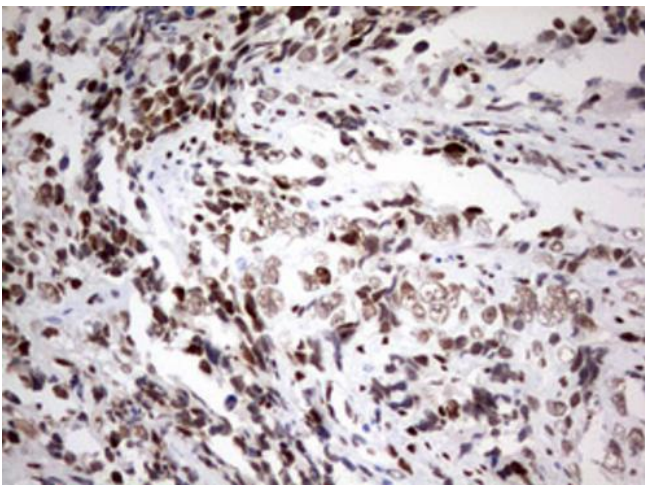
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-ZEB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



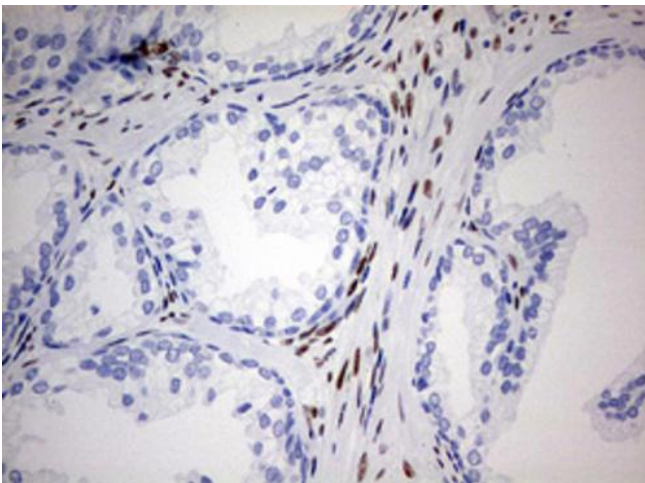
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-ZEB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



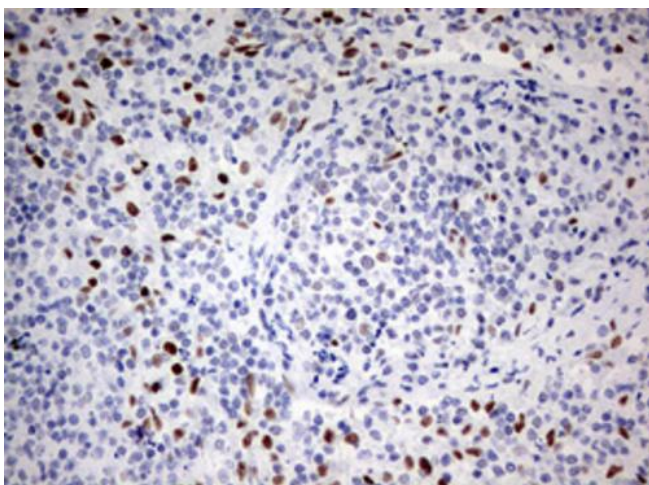
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-ZEB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-ZEB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-ZEB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-ZEB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.