

## Anti-ZEB1/NIL2A Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Cow,Rabbit)
Molecular Weight:	Theoretical: 124 kDa. Actual: 124 kDa.
Purification:	Protein A purified

### Applications

1. Paraformaldehyde-fixed, paraffin embedded (Human breast cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ZEB1) Polyclonal Antibody, Unconjugated (TMAB-14287) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Positive control: (mo)H9C2 (2% Paraformaldehyde-fixed)  
Isotype Control Antibody: Rabbit IgG;  
Dilution: 1 µg in 100 µl 1 X PBS containing 0.5% BSA  
Secondary Antibody: Goat anti-rabbit IgG-FITC;  
Dilution: 1: 200 in 1 X PBS containing 0.5% BSA  
Primary Antibody catalog number: TMAB-14287; Dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA
3. Sample: Thymus (Mouse) Lysate at 40 µg  
Primary: Anti-ZEB1/NIL2A (TMAB-14287) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 124 kD  
Observed band size: 124 kD
4. Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ZEB1) Polyclonal Antibody, Unconjugated (TMAB-14287) at 1: 2000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
5. Blank control: Jurkat.  
Primary Antibody (green line): Rabbit Anti-ZEB1/NIL2A antibody (TMAB-14287)  
Dilution: 1 µg/Test;  
Secondary Antibody: Goat anti-rabbit IgG-FITC  
Dilution: 0.5 µg/Test.  
Protocol  
The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.
6. Sample: Hela (Human) Cell Lysate at 30 µg  
Primary: Anti-ZEB1/NIL2A (TMAB-14287) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 124 kD

Verified Activity:

## A DRUG SCREENING EXPERT

---

Observed band size: 124 kD  
7. Sample: Kidney (Mouse) Lysate at 40 µg  
Primary: Anti-ZEB1/NIL2A (TMAB-14287) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 124 kD  
Observed band size: 124 kD

Application: WB,IHC-P,IHC-Fr,IF,FCM

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

---

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

---

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human ZEB1

Antigen Species: Human

Gene ID: 6935

Uniprot ID: P37275

---

### Research 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]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481

---