

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10813 - Goat Anti-ZEB2 (aa545-558) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ZEB2, zinc finger E-box binding homeobox 2, FLJ42816, KIAA0569, SIP-1, SIP1, SMADIP1, ZFH1B, OTTHUMP00000204540, Smad-interacting protein 1, zinc finger E-box-binding homeobox 2, zinc finger homeobox 1b, zinc finger homeobox protein 1

**Official Symbol:** ZEB2

**Accession Number(s):** NP\_055610.1; NP\_001165124.1

**Human GeneID(s):** [9839](#)

**Non-Human GeneID(s):** 24136 (mouse), 311071 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_055610.1; NP\_001165124.1).

### Immunogen

Peptide with sequence C-TDSRRQISNIKKEK, from the internal region of the protein sequence according to NP\_055610.1; NP\_001165124.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

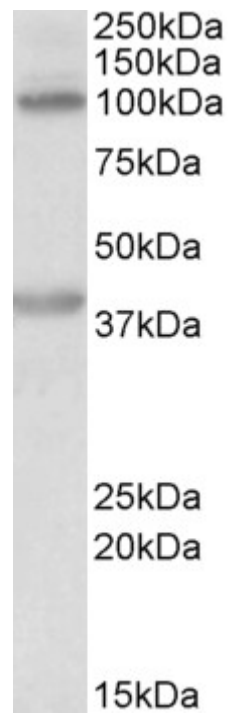
**Western blot:** Approx 100+38kDa bands observed in Human Liver lysates (calculated MW of 136kDa according to NP\_055610.1). Recommended concentration: 0.2-0.5µg/ml. Primary incubation was 1 hour. We believe the two observed bands represent two breakdown fragments.

**IHC:** Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

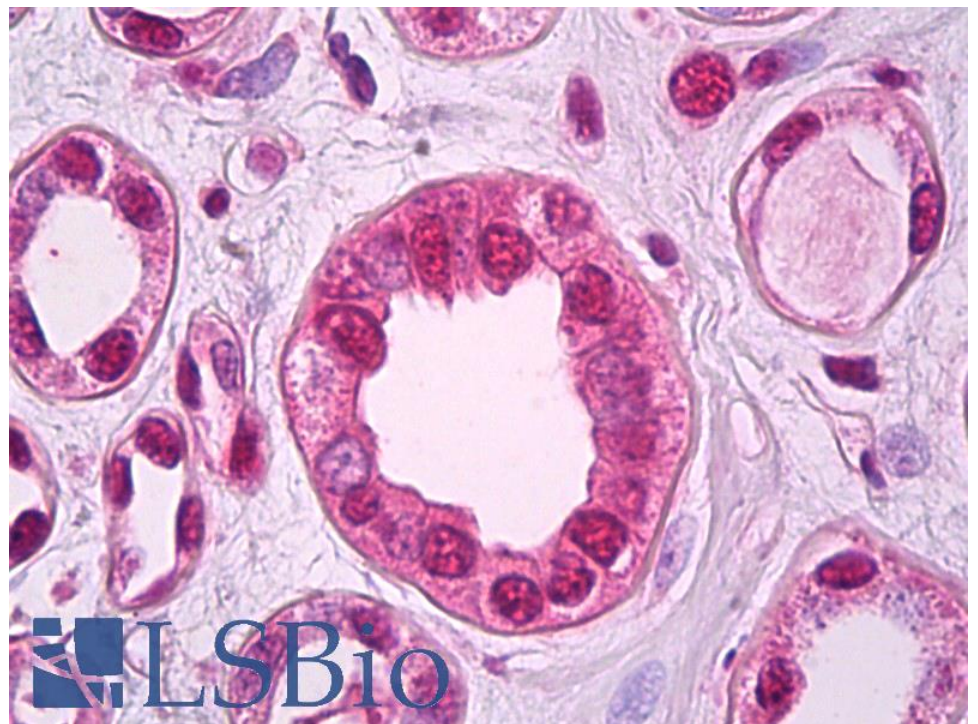
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB10813 (0.2 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB10813 (5 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.