



## UK Office

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

## EB07305-T - Goat Anti-Ezrin / villin 2 Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** villin 2 (ezrin), ezrin, VIL2, CVIL, CVL, DKFZp762H157, FLJ26216, MGC1584, cytovillin, villin 2

**Official Symbol:** EZR

**Accession Number(s):** NP\_003370.2

**Human GeneID(s):** [7430](#)

**Non-Human GeneID(s):** 22350 (mouse), 54319 (rat)

### Immunogen

Peptide with sequence C-QDYEEKTKKAER, from the internal region of the protein sequence according to NP\_003370.2.

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 1:16000.

**Western blot:** Approx 80kDa band observed in Human Placenta lysates (calculated MW of 69.4kDa according to NP\_003370.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Zhu et al, Am J Physiol Cell Physiol. 2005 Jun;288(6):C1242-54.; PMID: 15788482). Recommended concentration: 1-3µg/ml.

**IHC:** Paraffin embedded Human Colon and Kidney. Recommended concentration: 3.75µg/ml.

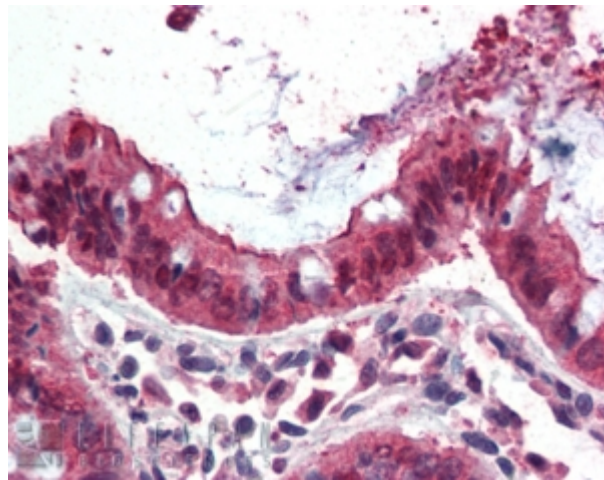
### Species Reactivity

**Tested:** Human

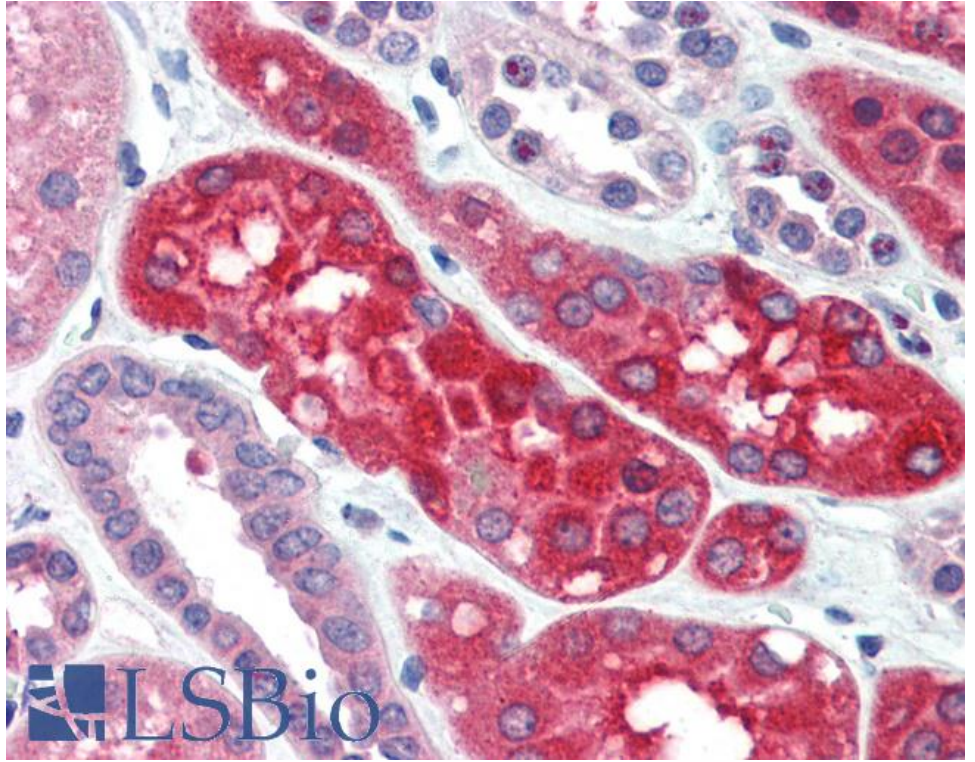
**Expected from sequence similarity:** Human, Dog



EB07305 (1 $\mu$ g/ml) staining of Human Placenta lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07305 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07305 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.