



## International Office

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

## EB07022 - Goat Anti-IER2 / ETR101 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IER2, immediate early response 2, HGNC:28871, ETR101, immediate early protein, Pip92, T-lymphocyte activated protein

**Official Symbol:** IER2

**Accession Number(s):** NP\_004898.2

**Human GeneID(s):** [9592](#)

### Immunogen

Peptide with sequence EVQKEAQRIMTL-C, from the N Terminus of the protein sequence according to NP\_004898.2.

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 1:128000.

**Western blot:** Western Blot: Preliminary experiments gave an approx 60kDa band in Human Brain lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 24.2kDa according to NP\_004898.2. The 60kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Immunohistochemistry: Preliminary experiments in paraffin embedded Human Tonsil showed staining in follicles, interfollicular area and endothelial cells. Recommended concentration 0.1-0.3ug/ml

### Species Reactivity

**Tested:**

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