

## 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.**

## EB07506 - Goat Anti-ICAM5 precursor Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ICAM5, intercellular adhesion molecule 5, telencephalin, TLCN, TLN, intercellular adhesion molecule 5, telencephalin

**Official Symbol:** ICAM5

**Accession Number(s):** NP\_003250.3

**Human GeneID(s):** [7087](#)

**Non-Human GeneID(s):** 15898 (mouse), 313785 (rat)

### Immunogen

Peptide with sequence C-ESPAEGEVFAIQ, from the C Terminus of the protein sequence according to NP\_003250.3.

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:** Preliminary experiments gave an approx 200-250kDa band in lysates of Human Brain (Frontal Cortex and Hippocampus) and Mouse Brain after 0.05 µg/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 97.2kDa according to NP\_003250.2. The 200-250kDa 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?

**IHC:** In paraffin embedded Human Brain (Cerebral Cortex) shows axon/dendrite staining leaving cell bodies relatively unstained. Recommended concentration, 2-4µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Pig, Cow

EB07506 (2.5µg/ml) staining of paraffin embedded Human Brain (Cerebral Cortex). Steamed antigen retrieval with citrate buffer pH 6, AP-staining.