



## 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.**

## EB10778 - Goat Anti-galectin-1 (mouse) (aa100-112) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Lgals1, lectin, galactose binding, soluble 1, AA410090, Gal-1, Galbp, L-14.5, L14, Lect14, galectin-1, S-Lac lectin 1, beta-galactoside binding protein, beta-galactoside-binding lectin L-14-I, galaptin, galectin-1, lactose-binding lectin 1

**Official Symbol:** Lgals1

**Accession Number(s):** NP\_032521.1

**Human GeneID(s):** [3956](#)

**Non-Human GeneID(s):** 16852 (mouse), 56646 (rat)

### Immunogen

Peptide with sequence C-KLPDGHEFKFNR, from the internal region of the protein sequence according to NP\_032521.1.

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 15kDa band observed in Rat Pancreas lysates (calculated MW of 14.9kDa according to mouse NP\_032521.1 and to rat NP\_063969.1). Recommended concentration: 0.5-2µg/ml.

### Species Reactivity

**Tested:** Rat

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



EB10778 (0.5 $\mu$ g/ml) staining of Rat Pancreas lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.