



## 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.**

## EB06781 - Goat Anti-Collagen, type VII Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Collagen, type VII, collagen, type VII, alpha 1 (epidermolysis bullosa, dystrophic, dominant and recessive), COL7A1, HGNC:2214, EBD1, EBDCT, EBR1, LC collagen, alpha 1 type VII collagen, collagen VII, alpha-1 polypeptide, long chain collagen, collagen, type VII, alpha 1

**Official Symbol:** COL7A1

**Accession Number(s):** NP\_000085.1

**Human GeneID(s):** [1294](#)

**Non-Human GeneID(s):** 12836 (mouse)

**Important Comments:** This product does not work on cryostat sections of Normal Human Skin.

### Immunogen

Peptide with sequence C-TVQYSDDPRTEF, from the internal region of the protein sequence according to NP\_000085.1.

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 250kDa band observed in Rat Testis lysates (calculated MW of 159kDa according to Rat NP\_001100328.1). Recommended concentration: 0.1-1.5µg/ml.

A customer found this antibody unsuccessful on cryosections of Human Skin.

### Species Reactivity

**Tested:** Rat

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



EB06781 (0.5 $\mu$ g/ml) staining of Rat Testis lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.