

## **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire

OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

#### **US Office**

#### **Everest Biotech c/o Abcore**

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

 $\underline{usasales@everest biotech.com}$ 

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB11085 - Goat Anti-transglutaminase 4 (aa49-63) Antibody

Size: 100µg specific antibody in 200µl

# **Target Protein**

**Principal Names:** fibrinoligase, FLJ26776, hTGP, prostate transglutaminase, prostate-specific transglutaminase, protein-glutamine gamma-glutamyltransferase 4, TG(P), TGase P, TGase-4, TGP, transglutaminase 4 (prostate), transglutaminase P,

transglutaminase-4, TGM4
Official Symbol: TGM4

Accession Number(s): NP\_003232.2

Human GeneID(s): 7047

## **Immunogen**

Peptide with sequence C-NQPLQSYHQLKLEFS, from the internal region (near N Terminus) of the protein sequence according to NP\_003232.2.

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**

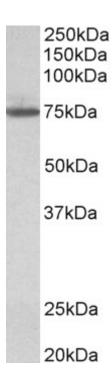
Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Approx 75kDa band observed in lysates of cell line HeLa (calculated MW of 77.1kDa according to NP\_003232.2). Recommended concentration: 1-3µg/ml.

# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB11085 (1 $\mu$ g/ml) staining of HeLa lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.