

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11080 - Goat Anti-Transglutaminase 2 (aa17-29). Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: C polypeptide, G-ALPHA-h, GNAH, protein-glutamine gamma-glutamyltransferase 2, protein-glutamine-gamma-glutamyltransferase, TG(C), TG2, TGase C, TGase H, TGase-2, TGase-H, TGC, tissue transglutaminase, transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase), transglutaminase C, transglutaminase H, transglutaminase-2, TGM2

Official Symbol: TGM2

Accession Number(s): NP_004604.2; NP_945189.1

Human GeneID(s): 7052

Non-Human GenelD(s): 21817 (mouse), 56083 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_004604.2; NP_945189.1)..

Immunogen

Peptide with sequence NGRDHHTADLCRE, from the N Terminus of the protein sequence according to NP_004604.2; NP_945189.1.

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

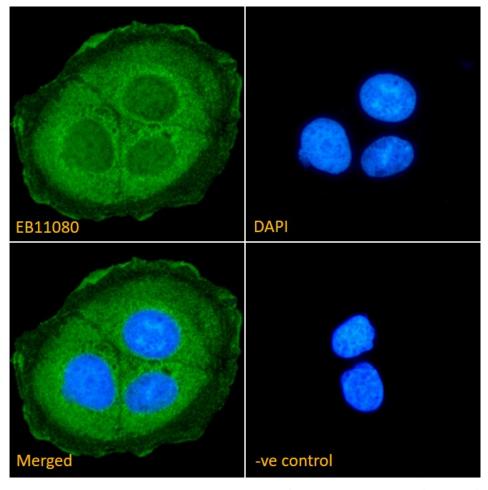
Peptide ELISA: antibody detection limit dilution 1:16000.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and membranes of Caco-2 cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

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



EB11080 Immunofluorescence analysis of paraformaldehyde fixed Caco-2. Primary incubation 1hr (1:50 dilution) followed by Alexa Fluor® 488 secondary antibody (1:2000 dilution), showing cytoplasmic, and membrane staining. The nuclear stain is DAPI (blue). Negative control: Anti-Goat IgG followed by Alexa Fluor® 488 secondary antibody.