



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.**

EB12499 - Goat Anti-EPCAM / TROP1 (aa167-179) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EPCAM, epithelial cell adhesion molecule, DIAR5, EGP-2, EGP314, EGP40, ESA, HNPCC8, KS1/4, KSA, M4S1, MIC18, MK-1, TACSTD1, TROP1, adenocarcinoma-associated antigen, cell surface glycoprotein Trop-1, epithelial glycoprotein 314, human epithelial glycoprot

Official Symbol: EPCAM

Accession Number(s): NP_002345.2

Human GeneID(s): [4072](#)

Immunogen

Peptide with sequence C-QKEITTRYQLDPK, from the internal region of the protein sequence according to NP_002345.2.

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

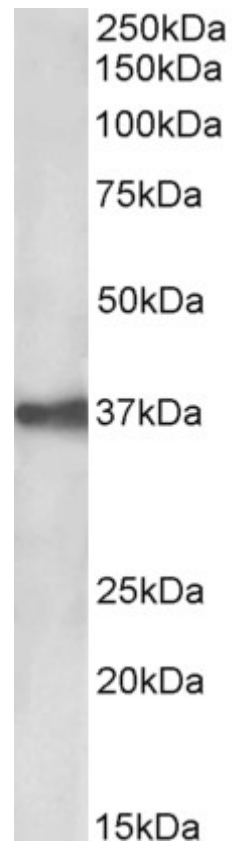
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 37kDa band observed in lysates of cell line CACO-2 (calculated MW of 34.9kDa according to NP_002345.2). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12499 (0.03 μ g/ml) staining of CACO-2 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.