



## International Office

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**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

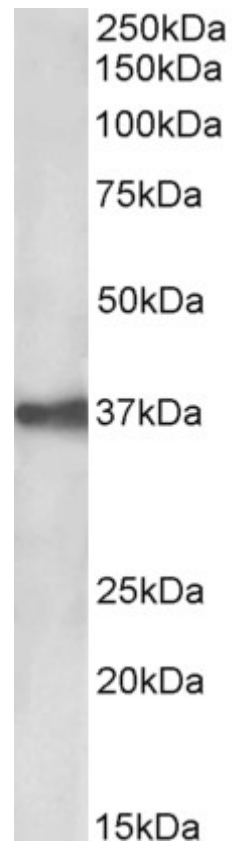
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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 $\mu$ g/ml) staining of CACO-2 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.