



## EB12359-B - Goat Anti-cytokeratin 19 (aa285-298), Biotinylated Antibody



Size: 100µg specific antibody in 200µl

### UK Office

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**Research Use Only. Not for diagnostic or therapeutic use.**

### Target Protein

**Principal Names:** KRT19, keratin 19, type I, CK19, K19, K1CS, 40-kDa keratin intermediate filament, CK-19, cytokeratin 19, cytokeratin-19, keratin, type I, 40-kd, keratin-19, keratin, type I cytoskeletal 19

**Official Symbol:** KRT19

**Accession Number(s):** NP\_002267.2

**Human GeneID(s):** [3880](#)

### Immunogen

Peptide with sequence C-HTEQLQMSRSEVTD., from the internal region of the protein sequence according to NP\_002267.2.

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

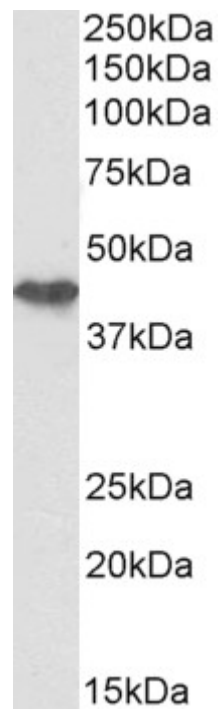
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 45kDa band observed in Human Colorectal cancer lysates (calculated MW of 44.1kDa according to NP\_002267.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



Biotinylated EB12359 (0.3 $\mu$ g/ml) staining of Human Colorectal cancer lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.