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Research Use Only. Not for diagnostic or therapeutic use.

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

Size: 100µg specific antibody in 200µl

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 GenelD(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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB12359 (0.3µg/ml) staining of Human Colorectal cancer lysate (35µg 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.