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Research Use Only. Not for diagnostic or therapeutic use.

EB11745-B - Goat Anti-Cytokeratin 20, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KRT20, keratin 20, type I, CK-20, CK20, K20, KRT21, cytokeratin 20,

cytokeratin-20, keratin-20, protein IT, keratin, type I cytoskeletal 20

Official Symbol: KRT20

Accession Number(s): NP_061883.1

Human GeneID(s): 54474

Immunogen

Peptide with sequence C-ETNAPRAGRDYS., from the internal region of the protein sequence according to NP_061883.1.

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 1:128000.

Western blot: Approx 49kDa band observed in Human Colon lysates (calculated MW of 48.5kDa according to NP_061883.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

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

Biotinylated EB11745 (1µg/ml) staining of Human Colon 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.