

#### **International Office**

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# 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.