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Research Use Only. Not for diagnostic or therapeutic use.

EB11745 - Goat Anti-Cytokeratin 20 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CK20, CK-20, cytokeratin 20, cytokeratin-20, K20, keratin 20, keratin,

type I cytoskeletal 20, keratin-20, KRT20, KRT21, MGC35423, protein IT

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 and Ileum lysates (calculated MW of 48.5kDa according to NP_061883.1). Recommended concentration:

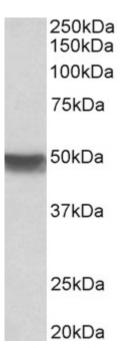
0.01-0.03µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Colon. Recommended concentration: 5µg/ml.

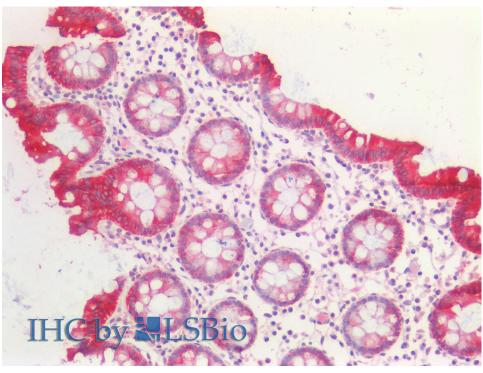
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11745 ($0.03\mu g/ml$) staining of Human Colon lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.



EB11745 (5μg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.