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EB11516 - Goat Anti-beta-2-microglobulin (aa65-79) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: B2M, beta chain of MHC class I molecules, beta-2-microglobin,

beta-2-microglobulin, OTTHUMP00000161912

Official Symbol: B2M

Accession Number(s): NP_004039.1

Human GeneID(s): 567

Immunogen

Peptide with sequence C-RIEKVEHSDLSFSKD, from the internal region of the protein sequence according to NP_004039.1.

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 1:32000.

Western blot: Approx 12kDa band observed in Human Duodenum lysates (calculated MW of 13.7kDa according to NP_004039.1). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow



EB11516 ($0.03\mu g/ml$) staining of Human Duodenum lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.