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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**

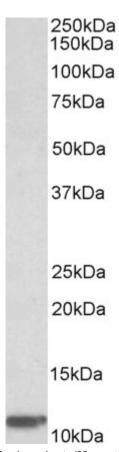
Peptide ELISA: antibody detection limit dilution 1:32000.

**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.