



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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-microglobulin, 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.