

#### **International Office**

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

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-microglobin, beta-2-microglobulin, OTTHUMP00000161912 Official Symbol: B2M Accession Number(s): NP\_004039.1 Human GeneID(s): <u>567</u>

#### 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**

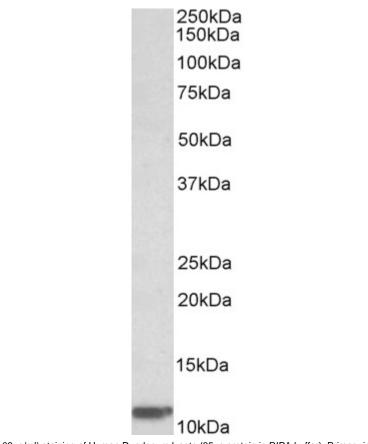
**Peptide ELISA:** antibody detection limit dilution 1:32000. **Western blot:** Approx 12kDa band observed in Human Duodenum lysates (calculated

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