



## International Office

### Everest Biotech Ltd

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

## EB12535 - Goat Anti-CD13 / ANPEP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ANPEP, alanyl (membrane) aminopeptidase, APN, CD13, GP150, LAP1, P150, PEPN, AP-M, AP-N, alanyl aminopeptidase, aminopeptidase M, aminopeptidase N, hAPN, microsomal aminopeptidase, myeloid plasma membrane glycoprotein CD13

**Official Symbol:** ANPEP

**Accession Number(s):** NP\_001141.2

**Human GeneID(s):** [290](#)

### Immunogen

Peptide with sequence C-QLEQFKKDNEET, from the internal region (near C terminus) of the protein sequence according to NP\_001141.2.

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 150kDa band observed in Human Kidney lysates (calculated MW of 110kDa according to NP\_001141.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.03-0.1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12535 (0.03 $\mu$ g/ml) staining of Human Kidney lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.