

#### **UK Office**

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

# **US Office**

#### Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

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.

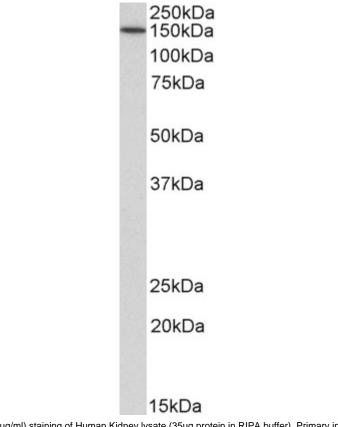
# **Applications Tested**

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