

#### **International Office**

#### **Everest Biotech Ltd**

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

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB12210 - Goat Anti-complement component 7 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: C7, complement component 7, complement component C7

Official Symbol: C7

Accession Number(s): NP\_000578.2

Human GeneID(s): 730

### Immunogen

Peptide with sequence C-NELTGQFRNRVINTK, from the internal region of the protein sequence according to NP\_000578.2.

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 95kDa band observed in Human Liver lysates (calculated MW of 93.5kDa according to NP\_000578.2). Recommended concentration: 0.1-0.3μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Placenta and Adrenal Gland. Recommended concentration: 5µg/ml.

## **Species Reactivity**

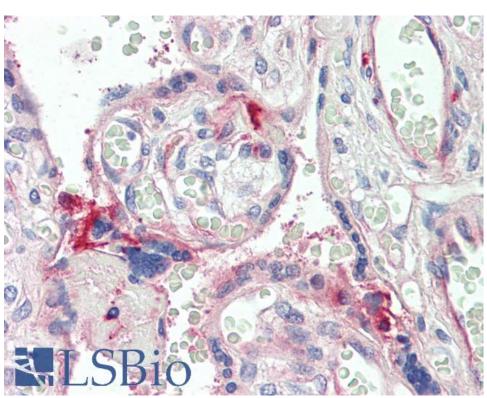
Tested: Human

Expected from sequence similarity: Human

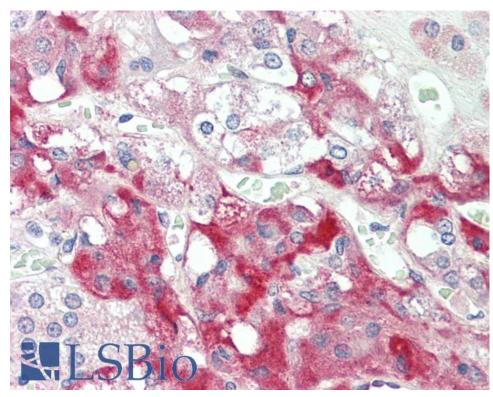
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

EB12210 (0.1 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB12210 (5μg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12210 ( $5\mu g/ml$ ) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.