

#### **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

Research Use Only. Not for diagnostic or therapeutic use.

# EB11851 - Goat Anti-RPL23 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: 60S ribosomal protein L17, 60S ribosomal protein L23, L23,

MGC111167, MGC117346, MGC72008, OTTHUMP00000164151,

OTTHUMP00000164153, ribosomal protein L17, ribosomal protein L23, rpL17, RPL23

Official Symbol: RPL23

Accession Number(s): NP\_000969.1

Human GeneID(s): 9349

Non-Human GenelD(s): 65019 (mouse), 29282 (rat)

#### **Immunogen**

Peptide with sequence KECADLWPRIASN, from the C Terminus of the protein sequence according to NP\_000969.1.

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 1:128000.

**Western blot:** Approx 16kDa band observed in lysates of Human Colorectal Cancer and of cell lines NIH3T3 and HeLa (calculated MW of 14.9kDa according to NP\_000969.1).

Recommended concentration: 0.1-0.3 $\mu$ g/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil and Liver. Recommended concentration: 5µg/ml.

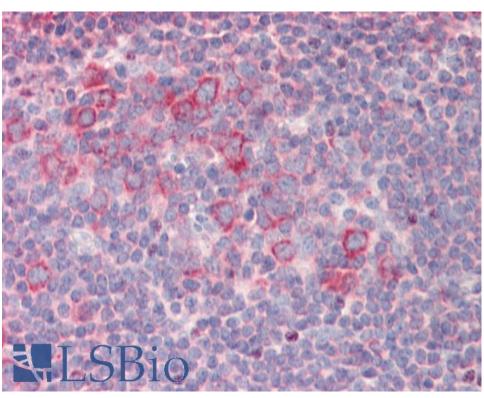
#### **Species Reactivity**

Tested: Human, Mouse

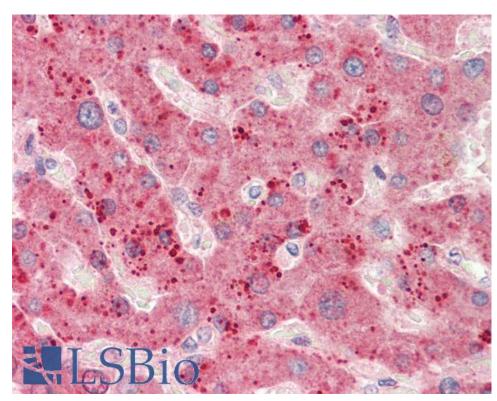
Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow



EB11851 (0.1 $\mu$ g/ml) staining of Human Colorectal Cancer lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB11851 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB11851 ( $5\mu g/ml$ ) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.