

#### **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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# EB05619 - Goat Anti-MPS1 / RPS27 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** MPS1, RPS27, ribosomal protein S27 (metallopanstimulin 1), MPS-1, metallopanstimulin 1, 40S ribosomal protein S27, RP11-422P24.3, metallopan-stimulin 1

Official Symbol: RPS27

Accession Number(s): NP\_001021.1

Human GeneID(s): 6232

Non-Human GeneID(s): 57294 (mouse), 94266 (rat)

### **Immunogen**

Peptide with sequence PLAKDLLHPSPEE-C, from the N Terminus of the protein sequence according to NP\_001021.1.

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. 12kDa band observed in lysates of Human T-cell line Jurkat (calculated MW of 9.5kDa according to NP\_001021.1). Recommended concentration:

0.03-0.1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 3.75µg/ml.

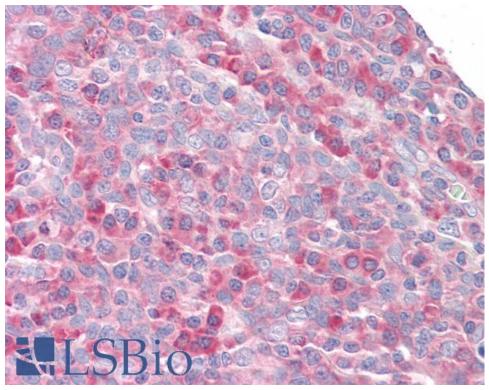
### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

250kDa 150kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

 $EB05619 \ (0.03 \mu g/ml) \ staining \ of \ Jurkat \ lysate \ (35 \mu g \ protein \ in \ RIPA \ buffer). \ Detected \ by \ chemilumine scence.$ 



EB05619 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.