



## UK Office

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

## 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.

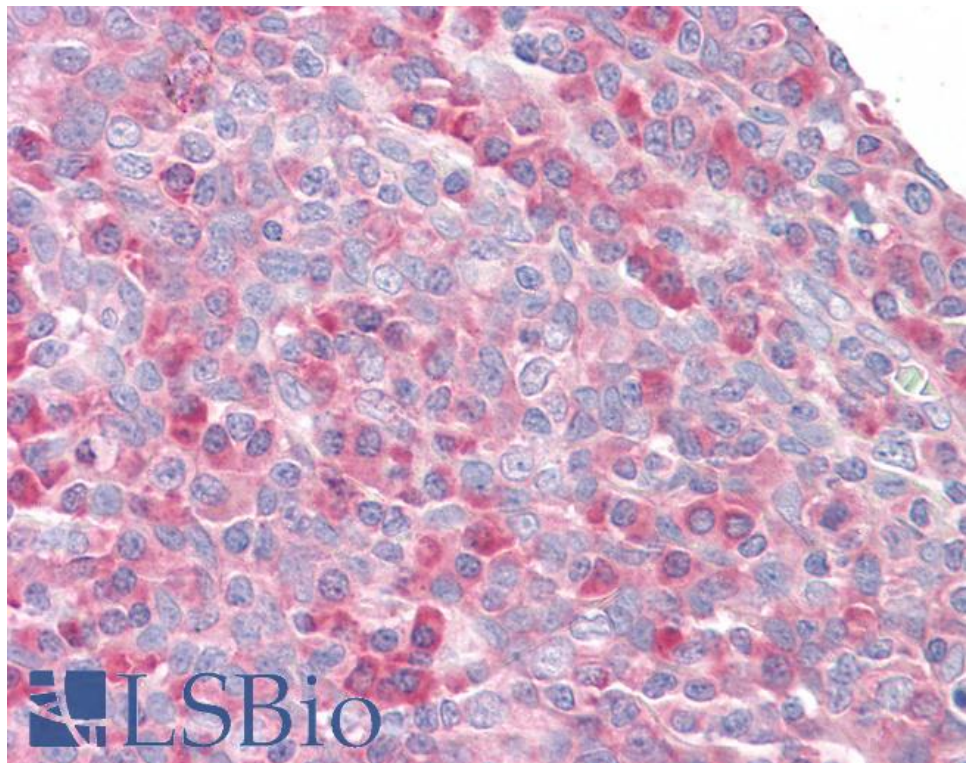
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

EB05619 (0.03µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



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