

Datasheet for ABIN184825  
**anti-RPS27 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	RPS27
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RPS27 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	MPS1 / RPS27
Immunogen:	Peptide with sequence PLAKDLLHPSPEE-C, from the N Terminus of the protein sequence according to NP_001021.1.
Sequence:	PLAKDLLHPS PEE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

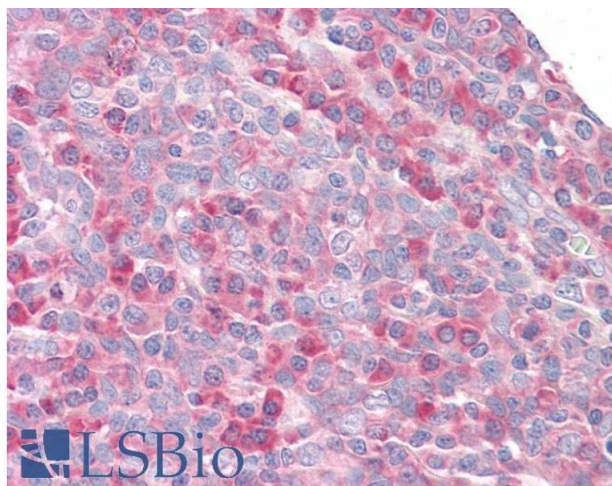
Target:	RPS27
Alternative Name:	RPS27 ( <a href="#">RPS27 Products</a> )
Background:	MPS1, RPS27, ribosomal protein S27 (metallopanstimulin 1), MPS-1, metallopanstimulin 1, 40S ribosomal protein S27, RP11-422P24.3, metallopan-stimulin 1
Gene ID:	6232, 57294, 94266
NCBI Accession:	<a href="#">NP_001021</a>

## Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Approx. 12 kDa band observed in lysates of Human T-cell line Jurkat (calculated MW of 9.5 kDa according to NP_001021.1). Recommended concentration: 0.03-0.1 µg/mL.</p> <p>Primary incubation was 1 hour.</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



#### Immunohistochemistry

**Image 1.** ABIN184825 (3.75µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**Image 2.** ABIN184825 (0.05µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



#### Western Blotting

**Image 3.** ABIN184825 (0.03µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.