

Datasheet for ABIN6242934
anti-RPS8 antibody (N-Term)[Go to Product page](#)

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Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | RPS8 |
| Binding Specificity: | AA 1-28, N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RPS8 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | This RPS8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-28 amino acids from the N-terminal region of human RPS8. |
| Clone: | RB23630 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | B, Pr, Rat, X |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | RPS8 |
| Alternative Name: | RPS8 (RPS8 Products) |

Target Details

Background: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS8 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S8E family of ribosomal proteins. It is located in the cytoplasm.

Molecular Weight: 24205

NCBI Accession: [NP_001003](#)

UniProt: [P62241](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

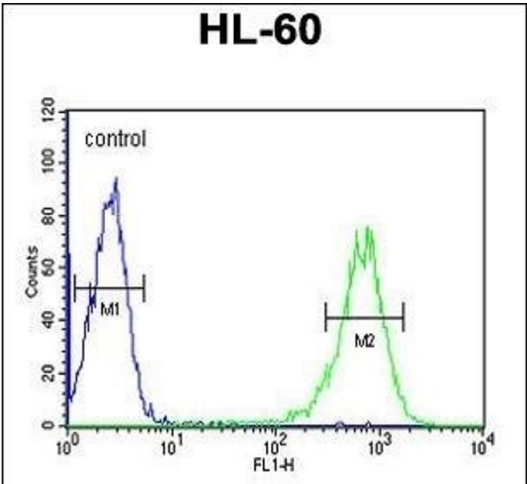
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

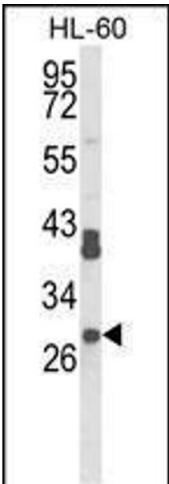
Publications

Product cited in: Hu, Guan, Liu, Dai, Tang, Xiao, Qian, Sharrow, Ye, Wu, Xu: "Endoglin Is Essential for the Maintenance of Self-Renewal and Chemoresistance in Renal Cancer Stem Cells." in: **Stem cell reports**, Vol. 9, Issue 2, pp. 464-477, (2018) ([PubMed](#)).



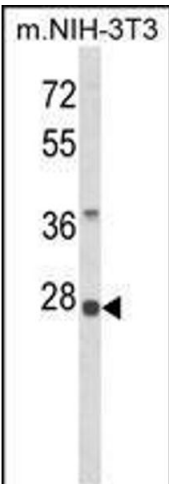
Flow Cytometry

Image 1. RPS8 Antibody (N-term) (ABIN6242934 and ABIN6579050) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of RPS8 Antibody (N-term) (ABIN6242934 and ABIN6579050) in HL-60 cell line lysates (35 µg/lane). RPS8 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of RPS8 Antibody (N-term) (ABIN6242934 and ABIN6579050) in NIH-3T3 cell line lysates (35 µg/lane). RPS8 (arrow) was detected using the purified Pab