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Datasheet for ABIN2797578
anti-RPS19 antibody (Center)

Overview

Quantity:	400 µL
Target:	RPS19
Binding Specificity:	AA 25-54, Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS19 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Rabbit Anti-Human RPS19 (Center) Antibody
Immunogen:	This RPS19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-54 amino acids from the Central region of human RPS19.
Isotype:	Ig Fraction

Target Details

Target:	RPS19
Alternative Name:	RPS19 (RPS19 Products)
Background:	Target Description: 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. This gene encodes a ribosomal

Target Details

protein that is a component of the 40S subunit. The protein belongs to the S19E family of ribosomal proteins. It is located in the cytoplasm. Mutations in this gene cause Diamond-Blackfan anemia (DBA), a constitutional erythroblastopenia characterized by absent or decreased erythroid precursors, in a subset of patients. This suggests a possible extra-ribosomal function for this gene in erythropoietic differentiation and proliferation, in addition to its ribosomal function. Higher expression levels of this gene in some primary colon carcinomas compared to matched normal colon tissues has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Gene Symbol: RPS19

Molecular Weight: 16060 Da

Gene ID: 6223

UniProt: [P39019](#)

Pathways: [Positive Regulation of Immune Effector Process](#), [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

Application Details

Application Notes: Western Blot, Flow Cytometry
Recommended Dilutions
WB: 1:1000, FC: 1:10-50RPS19 Antibody (Center) .FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)