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Datasheet for ABIN6242744

anti-RPS2 antibody (AA 248-379)

Images



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Overview	
Quantity:	50 μL
Target:	RPS2
Binding Specificity:	AA 248-379
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)
Product Details	
Immunogen:	This RPS2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 248-379 amino acids from human RPS2.
Clone:	RB55143
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	RPS2
Alternative Name:	RPS2 (RPS2 Products)

Target Details

Molecular Weight:	31324	
UniProt:	P15880	
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly	

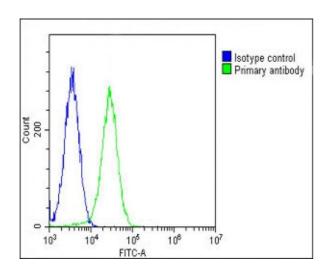
Application Details

Application Notes:	IF: 1:25. WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

Handling

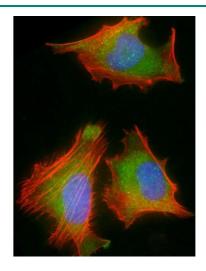
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

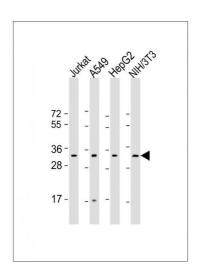
Images



Flow Cytometry

Image 1. Overlay histogram showing Hela cells stained with (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 μ g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.





Immunofluorescence

Image 2. Immunofluorescent analysis 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling RPS2 with at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/200 dilution Immunofluorescence image showing cytoplasm and nucleus staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (OI17558410) at 1/100 dilution (red). The nuclear counter stain is DI (blue).

Western Blotting

Image 3. All lanes: Anti-RPS2 Antibody (C-Term) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: A549 whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 31 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.