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Datasheet

RPS6 (phospho S235/S236) monoclonal antibody, clone R3A2 (PE)

Catalog Number: MAB19057

Regulatory Status: For research use only (RUO)

Product Description: Rabbit monoclonal antibody raised against synthetic phosphopeptide of human RPS6.

Clone Name: R3A2

Immunogen: A synthetic phosphopeptide corresponding to residues surrounding S235/S236 of human RPS6.

Host: Rabbit

Reactivity: Human

Applications: Flow Cyt
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Conjugation: PE

Purification: Protein A/G Purification

Isotype: IgG1k

Recommend Usage: Flow Cytometry (5 uL/10^6 cells or 0.05 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction: Store at 2-8°C.

Entrez GeneID: 6194

Gene Symbol: RPS6

Gene Alias: -

Gene Summary: 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 cytoplasmic ribosomal protein that is a component of the 40S subunit. The protein belongs to the S6E family of ribosomal proteins. It is the major substrate of protein kinases in the ribosome, with subsets of five C-terminal serine residues phosphorylated by different protein kinases. Phosphorylation is induced by a wide range of stimuli, including growth factors, tumor-promoting agents, and mitogens. Dephosphorylation occurs at growth arrest. The protein may contribute to the control of cell growth and proliferation through the selective translation of particular classes of mRNA. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]