



Product datasheet

FITC Anti-RPS6 (phospho S235 + S236) antibody [S6S235S236-R3A2] ab278685

Recombinant

2 Images

Overview

Product name	FITC Anti-RPS6 (phospho S235 + S236) antibody [S6S235S236-R3A2]
Description	FITC Rabbit monoclonal [S6S235S236-R3A2] to RPS6 (phospho S235 + S236)
Host species	Rabbit
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	<p>Synthetic peptide within Human RPS6 (phospho S235 + S236). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements.</p> <p>Database link: <u>P62753</u></p> <div>  <u>Run BLAST with</u>  <u>Run BLAST with</u> </div>
Positive control	Flow cyt: U937 cells treated with TPA plus calyculin A.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information <u>see here</u>.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	<p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 99.71% PBS, 0.2% BSA</p>
Purity	Protein A/G purified
Clonality	Monoclonal

Clone number	S6S235S236-R3A2
Isotype	IgG
Light chain type	kappa

Applications

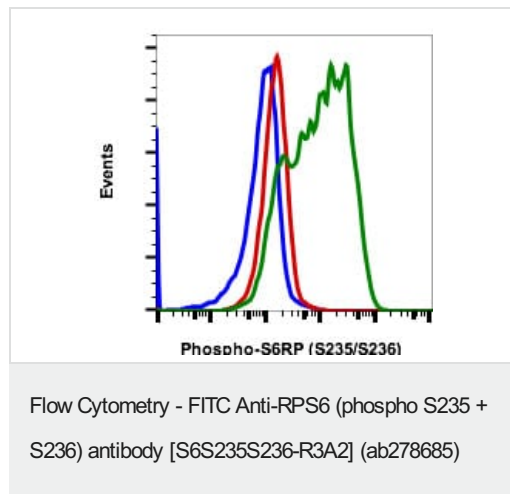
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab278685 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 5µl for 10 ⁶ cells.

Target

Function	May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.
Sequence similarities	Belongs to the ribosomal protein S6e family.
Post-translational modifications	Ribosomal protein S6 is the major substrate of protein kinases in eukaryote ribosomes. The phosphorylation is stimulated by growth factors, tumor promoting agents, and mitogens. It is dephosphorylated at growth arrest.

Images



Flow cytometric analysis of U937 cells unstained U0126 and SB20350 treated cells (blue) or stained and treated with U0126 plus SB20350 (red) or treated with TPA plus calyculin A (green) using ab278685.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

FITC Anti-RPS6 (phospho S235 + S236) antibody
[S6S235S236-R3A2] (ab278685)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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