

小鼠抗 RPS6 单克隆抗体

- 中文名称： 小鼠抗 RPS6 单克隆抗体
- 英文名称： Anti-RPS6 mouse monoclonal antibody
- 别名： ribosomal protein S6; S6
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： RPS6
- 反应种属： Human, Mouse, Rat, Monkey
- 标记物： Unconjugate
- 克隆类型： Mouse Monoclonal

技术规格

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. 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.
Applications:	WB, IF, IP
Name of antibody:	RPS6
Immunogen:	Fusion protein of human RPS6
Full name:	ribosomal protein S6
Synonyms:	S6
SwissProt:	P62753
WB Predicted band size:	29 kDa
WB Positive control:	Ramos, Jurkat, C6, 3T3 and HeLa cell lysates
WB Recommended dilution:	1000-5000
IF positive control:	HeLa cells
IF Recommend dilution:	100-200



