



Rabbit Anti-Human S6 monoclonal antibody, clone 0I9M3 [Alexa Fluor 488] (CABT-L1572)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	RPS6
Immunogen	Recombinant protein corresponding to amino acids 2-249 of human RPS6
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	0I9M3
Purification	Protein A Purified
Conjugate	Alexa Fluor 488
Applications	IF
Format	Liquid
Concentration	1 mg/ml
Buffer	PBS, pH 7.4, with 1mg/ml BSA
Preservative	0.05% Sodium Azide
Storage	4°C, store in dark, DO NOT FREEZE!

BACKGROUND

Introduction Ribosomal protein 6 (RPS6) is a component of the 40S ribosomal subunit belonging to S6E family of ribosomal proteins. RPS6 is a key substrate for kinases, and is phosphorylated by growth factors and mitogens during cell growth and cell division. Phosphorylation in RPS6 is well regulated, and the different phosphorylation sites are highly conserved. Major phosphorylation sites of RPS6 include Ser 235, 236, 240, and 244.

Keywords RPS6;ribosomal protein S6;S6;40S ribosomal protein S6;phosphoprotein NP33

GENE INFORMATION

Entrez Gene ID [6194](#)

UniProt ID [P62753](#)