

RecomAb™

RPS6KB2 recombinant monoclonal antibody, clone R01-4A5

Catalog # RAB01667 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic phosphopeptide corresponding to residues surrounding Ser371 of human P70 S6 Kinase beta.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Ser371 of human P70 S6 Kinase beta
Theoretical MW (kDa)	Calculated MW: 53 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — RPS6KB2

Entrez GeneID	6199
Protein Accession#	Q9UBS0
Gene Name	RPS6KB2
Gene Alias	KLS, P70-beta, P70-beta-1, P70-beta-2, S6K-beta2, S6K2, SRK, STK14B, p70(S6K)-beta, p70 S6Kb
Gene Description	ribosomal protein S6 kinase, 70kDa, polypeptide 2
Omim ID	608939
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinase s. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates the S6 riboso mal protein and eucaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation. [provided by RefSeq
Other Designations	S6 kinase-related kinase p70 ribosomal S6 kinase beta ribosomal protein S6 kinase, 70kD, poly peptide 2 serine/threonine-protein kinase 14 beta

Pathway

- [Acute myeloid leukemia](#)
- [ErbB signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [TGF-beta signaling pathway](#)

Disease

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)

- [Neoplasms](#)