

RecomAb™

RPS6KB2 recombinant monoclonal antibody, clone R06-5O2

Catalog # RAB05222 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human S6K2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human S6K2
Theoretical MW (kDa)	Calculated MW: 53 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow cytometry (1/50-1/100) Immunofluorescence (1/50-1/200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. 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
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

Gene Info — RPS6KB2

Entrez GeneID	6199
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 kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal 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, polypeptide 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](#)