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RPS6KB2 Antibody (Ascites)

Mouse Monoclonal Antibody (Mab)
Catalog # AM1854a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9UBS0
Other Accession	NP_003943.2
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,K
Clone Names	164CT21.2.2
Calculated MW	53455

Additional Information

Gene ID	6199
Other Names	Ribosomal protein S6 kinase beta-2, S6K-beta-2, S6K2, 70 kDa ribosomal protein S6 kinase 2, P70S6K2, p70-S6K 2, S6 kinase-related kinase, SRK, Serine/threonine-protein kinase 14B, p70 ribosomal S6 kinase beta, S6K-beta, p70 S6 kinase beta, p70 S6K-beta, p70 S6KB, p70-beta, RPS6KB2, STK14B
Target/Specificity	This RPS6KB2 Monoclonal antibody was raised using purified His-tagged recombinant human RPS6KB2.
Dilution	WB~~1:2000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RPS6KB2 Antibody (Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RPS6KB2
Synonyms	STK14B
Function	Phosphorylates specifically ribosomal protein S6 (PubMed: 29750193).

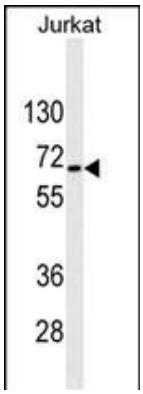
Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7 (PubMed:29750193).

Cellular Location Cytoplasm. Nucleus.

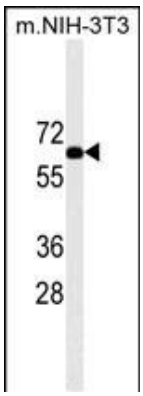
Background

Phosphorylates specifically ribosomal protein S6.

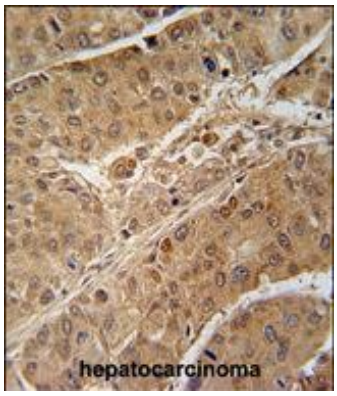
Images



RPS6KB2 Antibody (Cat. #AM1854a) western blot analysis in Jurkat cell line lysates (15µg/lane).This demonstrates the RPS6KB2 antibody detected the RPS6KB2 protein (arrow).(1:1000)

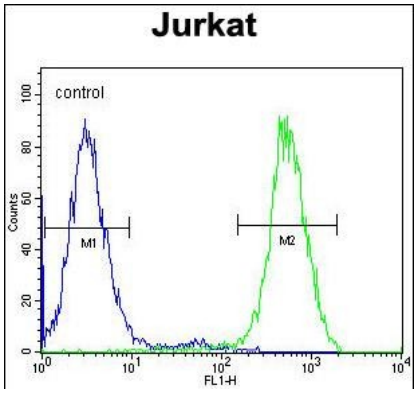


RPS6KB2 Antibody (Cat. #AM1854a) western blot analysis in mouse NIH-3T3 cell line lysates (15µg/lane).This demonstrates the RPS6KB2 antibody detected the RPS6KB2 protein (arrow).(1:2000)



RPS6KB2 Monoclonal(Ascites) (Cat. #AM1854a) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RPS6KB2 Monoclonal(Ascites) for immunohistochemistry. Clinical relevance has not been evaluated.

RPS6KB2 Monoclonal(Ascites) (Cat. #AM1854a) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-mouse secondary antibodies were used for the analysis.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.