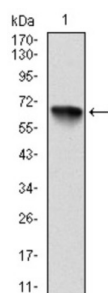
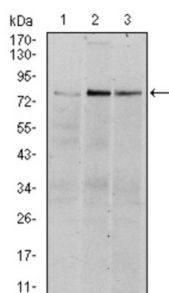


Ribosomal Protein S6 Kinase Alpha-3 (RPS6KA3) Antibody

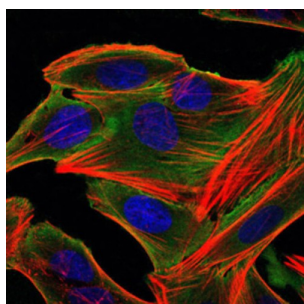
Catalogue No.: abx012029



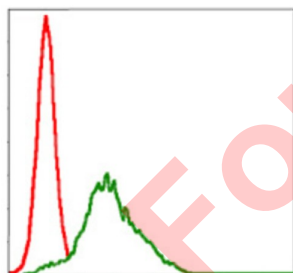
Western blot analysis using RSK2 antibody against human RSK2 (AA: 1-212) recombinant protein. (Expected MW is 49.7 kDa).



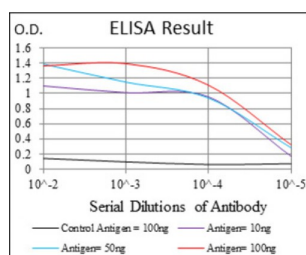
Western blot analysis using RSK2 antibody against HeLa (1), MCF-7 (2), and HepG2 (3) cell lysate.



Immunofluorescence analysis of HepG2 cells using RSK2 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Flow cytometric analysis of HepG2 cells using RSK2 antibody (green) and negative control (red).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Datasheet

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This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS).

Target:	Ribosomal Protein S6 Kinase Alpha-3 (RPS6KA3)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human RSK2 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P51812 (UniProt , ExPASy)
Gene Symbol:	RPS6KA3
GeneID:	6197
OMIM:	300075
HGNC:	10432
KEGG:	hsa:6197
Ensembl:	ENSG00000177189
String:	9606.ENSP00000368884

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Molecular Weight: 80 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only