Mouse anti-Human RSK3 Monoclonal Antibody | anti-RSK3 antibody

RSK3, CT (Ribosomal S6 Kinase 3, RSK-3, pp90RSK3, 90kD Ribosomal Protein S6 Kinase 2, p90-RSK 2, p90RSK2, MAP Kinase-activated Protein Kinase 1c, MAPK-activated Protein Kinase 1c, MAPKAP Kinase 1c, MAPKAPK1C, MAPKAPK-1c, Ribosomal Protein S6 Kinase alpha-

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25235	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

RSK3; Monoclonal Antibody; CT (Ribosomal S6 Kinase 3; RSK-3; pp90RSK3; 90kD Ribosomal Protein S6 Kinase 2; p90-RSK 2; p90RSK2; MAP Kinase-activated Protein Kinase 1c; MAPK-activated Protein Kinase 1c; MAPKAP Kinase 1c; MAPKAPK1C; MAPKAPK-1c; Ribosomal Protein S6 Kinase alpha-; anti-RSK3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F6
Specificity	Recognizes human RPS6KA2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	3973
Applicable Applications for anti-RSK3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa631-733 from human RPS6KA2 (AAH02363) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	YALSGGNWDSISDAAKDVVSKMLHVDPHQRLTAMQVLKHPWVVNREYLSPNQLSRQDVHLVKGAMAATYFALNRTPQAPRLEPVLSSNLAQRRGMKRI
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be r assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to rer the cap.

IMAGES

Application Data
Proximity Ligation Analysis (PLA) of protein-protein interactions between MAPK3 and RPS6KA2 HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-RPS6KA2 mouse monoclonal antibody 1:50. Signals were detected by 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.

WB (Western Blot)
Western blot analysis of RPS6KA2 over-expressed 293 cell line, cotransfected with RPS6KA2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with RPS6KA2 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to RPS6KA2 on HeLa cell. [antibody concentration 10ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to RPS6KA2 on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 3ug/ml]

WB (Western Blot)
Western Blot analysis of RPS6KA2 expression in transfected 293T cell line by RPS6KA2 monoclonal antibody. Lane 1: RPS6KA2 transfected lysate (83.2kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
RPS6KA2 monoclonal antibody, Western Blot analysis of RPS6KA2 expression in Hela NE.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RSK3 antibody	Antibodies; Protein Kinases; Ribosomal

NCBI AND UNIPROT INFORMATION

NCBI GI #	33876605
NCBI GeneID	6196
NCBI Official Full Name	Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 2, mRNA
NCBI Official Synonym Full Names	ribosomal protein S6 kinase A2
NCBI Official Symbol	RPS6KA2
NCBI Official Synonym Symbols	RSK; HU-2; RSK3; p90RSK2; p90-RSK3; pp90RSK3; MAPKAPK1C; S6K-alpha; S6K-alpha2
NCBI Protein Information	ribosomal protein S6 kinase alpha-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/rsk3-antibody-clone-1f6-immunofluorescence-immunohistochemistry-western-blot-elisa/25235