

Datasheet

RPS6KA2 monoclonal antibody (M01), clone 1F6

Catalog Number: H00006196-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant RPS6KA2.

Clone Name: 1F6

Immunogen: RPS6KA2 (AAH02363, 631 a.a. ~ 733 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

YALSGGNWDSISDAAKDVVSKMLHVDPHQRLTAMQV
LKHPWVVNREYLSPNQLSRQDVHLVKGAMAATYFAL
NRTQPAPRLEPVLSSNLAQRRGMKRLTSTRL

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, PLA-Ce, RNAi-Ab, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6196

Gene Symbol: RPS6KA2

Gene Alias: HU-2, MAPKAPK1C, RSK, RSK3, S6K-alpha, S6K-alpha2, p90-RSK3, pp90RSK3

Gene Summary: 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

References:

1. p90 ribosomal S6 kinase 3 contributes to cardiac insufficiency in β -tropomyosin Glu180Gly transgenic mice. Passariello CL, Gayanilo M, Kritzer MD, Thakur H, Cozacov Z, Rusconi F, Wieczorek D, Sanders M, Li J, Kapiloff MS Am J Physiol Heart Circ Physiol. 2013 Oct;305(7):H1010-9. doi: 10.1152/ajpheart.00237.2013. Epub 2013 Aug 2.