

## Datasheet

### RPS6KB1 monoclonal antibody (M01), clone 1E12

**Catalog Number:** H00006198-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant RPS6KB1.

**Clone Name:** 1E12

**Immunogen:** RPS6KB1 (NP\_003152, 416 a.a. ~ 525 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

PSVLESVKEKFSFEPKIRSPRRFIGSPRTPVSPVKFSP  
GDFWGRGASASTANPQTPVEYPMETSGIEQMDVTMS  
GEASAPLPIRQPNSGPYKKQAFPMISKRPEHLRMNL

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, S-ELISA, WB-Ce, WB-Re

(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:** IgG2b 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:** 6198

**Gene Symbol:** RPS6KB1

**Gene Alias:** PS6K, S6K, S6K1, STK14A, p70(S6K)-alpha, p70-S6K, p70-alpha

**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 several residues of the S6 ribosomal protein. The kinase activity of this protein leads to an increase in protein synthesis and cell proliferation. Amplification of the region of DNA encoding this gene and overexpression of this kinase are seen in some breast cancer cell lines. Alternate translational start sites have been described and alternate transcriptional splice variants have been observed but have not been thoroughly characterized. [provided by RefSeq]