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Datasheet

MAPKAPK3 monoclonal antibody (M02), clone 2B5

Catalog Number: H00007867-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MAPKAPK3.

Clone Name: 2B5

Immunogen: MAPKAPK3 (AAH01662, 272 a.a. ~ 382 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
EVSEDAKQLIRLLLKTDPTERLTITQFMNHPWINQSMV
VPQTPLHTARVLQEDKDHWDEVKEEMTSALATMRVD
YDQVKIKDLKTSNNRLLNKRRKKQAGSSSASQGCNNQ

Host: Mouse

Reactivity: Human,Mouse

Applications: ELISA, IHC-P, PLA-Ce, 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: 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: 7867

Gene Symbol: MAPKAPK3

Gene Alias: 3PK, MAPKAP3

Gene Summary: This gene encodes a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)-activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and cell differentiation. [provided by RefSeq]