

## Datasheet

### MAPKAPK2 monoclonal antibody (M01), clone 2B3

**Catalog Number:** H00009261-M01

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

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant MAPKAPK2.

**Clone Name:** 2B3

**Immunogen:** MAPKAPK2 (NP\_116584, 302 a.a. ~ 400 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

IRNLLKTEPTQRM TITEFMNHPWIMQSTKVPQTPLHTS  
RVLKEDKERWEDVKEEMTSALATMRVDYEQIKIKKIED  
ASNPLLLKRRKKARALEAAALAH

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, IP, 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:** 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:** 9261

**Gene Symbol:** MAPKAPK2

**Gene Alias:** MK2

**Gene Summary:** This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In

conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]