

## Datasheet

### MAPK13 monoclonal antibody (M05), clone 2B2

**Catalog Number:** H00005603-M05

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

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant MAPK13.

**Clone Name:** 2B2

**Immunogen:** MAPK13 (AAH00433, 251 a.a. ~ 365 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

NDKAAKSYIQSLPQTTPRKDFTQLFPRASPQAADLLEK  
MLELDVDRRLTAAQALHPFFEPFRDPEEETEAAQQPF  
DDSLEHEKLTVDEWKQHYYKEIVNFSPARKDSRRRSG  
MKL

**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:** IgG1 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:** 5603

**Gene Symbol:** MAPK13

**Gene Alias:** MGC99536, PRKM13, SAPK4, p38delta

**Gene Summary:** The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as

an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and cellular stress. MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Transcription factor ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase. [provided by RefSeq]