

Datasheet

MAPK3 monoclonal antibody (M01), clone 3C9

Catalog Number: H00005595-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MAPK3.

Clone Name: 3C9

Immunogen: MAPK3 (AAH13992, 279 a.a. ~ 379 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

NYLQSLPSKTKVAWAKLFPKSDSKALDLLDRMLTFNP
NKRITVEEALAHPLYEQYYDPTDEPVAEEPFTFAMELD
DLPKERLKEIFQETARFQPGVLEAP

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, IP, S-ELISA, 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: 5595

Gene Symbol: MAPK3

Gene Alias: ERK1, HS44KDAP, HUMKER1A, MGC20180, P44ERK1, P44MAPK, PRKM3

Gene Summary: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also

known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq]