
| | |
|--------------------------|---|
| Product name: | MAP4K4 Mouse Monoclonal Antibody |
| Cat number: | MABN80664 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mouse |
| Isotype: | Mouse IgG1 |
| Immunogen: | Purified recombinant fragment of MAP4K4 (aa400-500) expressed in E. Coli. |
| Reactivity: | Human,Mouse |
| Applications: | WB 1:500-1:2000,ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| Molecular Weight: | 142kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Ascitic fluid containing 0.03% sodium azide. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | MAP4K4: mitogen-activated protein kinase kinase kinase kinase 4. The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified. |