

MEK5 Rabbit mAb

Catalog # AP77557

Product Information

Application WB, IF, ICC
Primary Accession
Reactivity Human
Host Rabbit

Clonality Monoclonal Antibody

Isotype IgG

Conjugate Unconjugated

Immunogen A synthesized peptide derived from human MEK5

Purification Affinity Chromatography

Calculated MW 50112

Additional Information

Gene ID 5607

Other Names MAP2K5

Dilution WB~~1/500-1/1000 IF~~1:50~200 ICC~~N/A

Format Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02%

sodium azide and 50% glycerol.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

Protein Information

Name MAP2K5

Synonyms MEK5, MKK5, PRKMK5

Function Acts as a scaffold for the formation of a ternary

MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appears to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. As part of the MAPK/ERK signaling pathway, acts as a negative regulator of apoptosis in cardiomyocytes via promotion of STUB1/CHIP-mediated

ubiquitination and degradation of ICER-type isoforms of CREM (By similarity).

Tissue Location Expressed in many adult tissues. Abundant in heart and skeletal muscle

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