

RecomAb™

# MAP3K3 recombinant monoclonal antibody, clone 2H11

Catalog # RAB04312      Size 100 uL

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MAP3K3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MAP3K3.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MAP3K3

Entrez GeneID [4215](#)

Protein Accession#	<a href="#">Q99759</a>
Gene Name	MAP3K3
Gene Alias	MAPKKK3, MEKK3
Gene Description	mitogen-activated protein kinase kinase kinase 3
Omim ID	<a href="#">602539</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]</p>
Other Designations	MAP/ERK kinase kinase 3 MAPK/ERK kinase kinase 3

## Pathway

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)