

## Product Name: MEKK2 Rabbit Monoclonal Antibody

### Catalog #: AMRe02246

For research use only.

## Summary

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.64mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

## Application

<b>Dilution Ratio</b>	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 70 kDa; Observed MW: 72 kDa

## Antigen Information

<b>Gene Name</b>	MAP3K2
<b>Alternative Names</b>	MAP3K2; MAPKKK2; MEKK2; Mitogen-activated protein kinase kinase kinase 2; MAPK/ERK kinase kinase 2; MEK kinase 2; MEKK 2
<b>Gene ID</b>	10746
<b>SwissProt ID</b>	Q9Y2U5
<b>Immunogen</b>	A synthetic peptide of human MEKK2

## Background

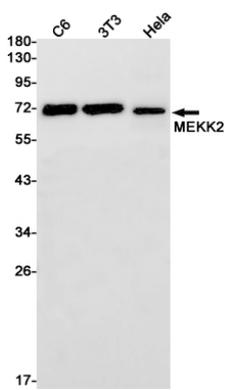
The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates the

kinases involved in the MAP kinase signaling pathway including MAPK7 and MAP2K4. This kinase has been shown to directly phosphorylate and activate Ikappa B kinases (IKKs), and thus plays a role in NF-kappa B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2 (PRKCL2/PRK2), which suggests its involvement in PRKCL2 regulated signaling process.

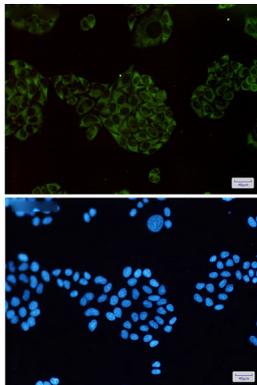
## Research Area

Signal Transduction

## Image Data



Western blot analysis of MEKK2 in C6, 3T3, HeLa lysates using MEKK2 antibody.



Immunocytochemistry analysis of MEKK2(green) in HeLa using MEKK2 antibody, and DAPI(blue)