

Product Datasheet

MEKK3 Antibody



Catalog No: CY5918

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC

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Information

UniProt ID: Q99759

All Names: MAP/ERK kinase kinase 3; MAP3K3; MAPK/ERK kinase kinase 3; MAPKKK3; MEK kinase 3; MEKK 3; MEKK3; Mitogen activated protein kinase kinase kinase 3;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 71 kDa

Application

WB 1:500~1:1000

IHC 1:50~1:200

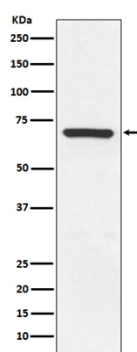
ICC/IF 1:50~1:200

IP 1:20

FC 1:50

Background

MAP kinase kinase kinase (MEKK3 or MAP3K3) is a serine/threonine protein kinase that activates SAPK and ERK via phosphorylation and activation of their respective MAP kinase kinases, SEK and MEK1/2. MEKK3 also stimulates MEK5 via activation of ERK5/BMK1, which is at least partly regulated by a direct interaction between MEK5 and MEKK3 via p67phox-Bem1p (PB1) protein-protein interaction domains found in both proteins. MEKK3 modulates NF- κ B activation in response to a variety of agonists including TNF α , LPS, IL-1 and LPA.



Western blot analysis of MEKK3 expression in HeLa cell lysate.

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