

Recombinant

DGRmAb®

**MAP3K3 (DGR36164) Rabbit mAb**

db16399

Package : 10µL 20µL 50µL 100µL

**Product Name** : MAP3K3 (DGR36164) Rabbit mAb**Cat.No.:** db16399**Synonyms** : CCM5; MEKK3; MAPKKK3**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human, Mouse**Host species** : Rabbit**Background**

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, Jul 2008]

**Immunogen**

A synthetic peptide of human MEKK3

**Gene ID**

4215

**Swiss Prot**

Q99759

**Synonyms**

CCM5; MEKK3; MAPKKK3

**Reactivity**

Human, Mouse

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:50

ICC/IF: 1:100

FC: 1:100-1:500

IP: 1:20

**Calculated MW**

71 kDa

**Observed MW**

71 kDa

**Host species**

Rabbit

<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR36164
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.