

Recombinant

DGRmAb®

## Phospho-MEK4 (Ser80) (DGR33337) Rabbit mAb

db14900

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-MEK4 (Ser80) (DGR33337) Rabbit mAb**Cat.No.:** db14900**Synonyms** : JNKK; MEK4; MKK4; SEK1; SKK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1**Application** : WB, IHC-P**Reactivity** : Human, Mouse**Host species** : Rabbit**Background**

This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser80 of human MEK4/MKK4

**Gene ID**

6416

**Swiss Prot**

P45985

**Synonyms**

JNKK; MEK4; MKK4; SEK1; SKK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1

**Reactivity**

Human, Mouse

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

**Calculated MW**

44 kDa

**Observed MW**

44 kDa

**Host species**

Rabbit

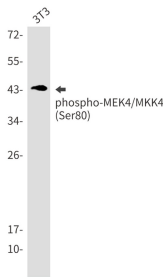
**Clonality**

Monoclonal

**Clonality No.**

DGR33337

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.



Western blot detection of MEK4/MKK4 (phospho-Ser80) in A549,MCF-7,U251 cell lysates using MEK4/MKK4 (phospho-Ser80) antibody(1:1000 diluted).