

Recombinant**DGRmAb®****MAPKAP Kinase 3 (DGR31438) Rabbit mAb (PBS Only)****db13549-PBS****Package : 100µg****Product Name :** MAPKAP Kinase 3 (DGR31438) Rabbit mAb (PBS Only)**Cat.No.:** db13549-PBS**Synonyms :** 3PK; MK3; MK-3; MDPT3; MAPKAP3; MAPKAP-K3; MAPKAPK-3**Application :** WB, FC, IP**Reactivity :** Human**Host species :** Rabbit**Background**

This gene encodes a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and cell differentiation. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2011]

Immunogen

A synthetic peptide of human MK-3

Gene ID

7867

Swiss Prot

Q16644

Synonyms

3PK; MK3; MK-3; MDPT3; MAPKAP3; MAPKAP-K3; MAPKAPK-3

Reactivity

Human

Application

WB, FC, IP

Calculated MW

43 kDa

Observed MW

43 kDa

Host species

Rabbit

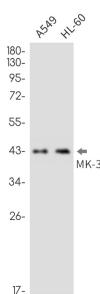
Clonality

Monoclonal

Clonality No.

DGR31438

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of MK-3 in A549,HL-60 cell lysates using [db13549](#)(1:1000 diluted).