Recombinant DGRmAb®

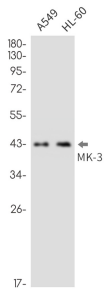
MAPKAP Kinase 3 (DGR31438) Rabbit mAb

db13549 **Package : 10μL 20μL 50μL 100μL**

Product Name : MAPKAP Kinase 3 (DGR31438) Rabbit mAb
Cat.No.: db13549
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
Recommended dilution	WB: 1:2000-1:20000 FC: 1:100 IP: 1:50
Calculated MW	43 kDa
Observed MW	43 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR31438
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 MK-3 in A549,HL-60 cell lysates using MK-3 antibody(1:1000 diluted).