

Recombinant

DGRmAb®

p38 (DGR31447) Rabbit mAb (PBS Only)

db13080-PBS

Package : 100µg

Product Name : p38 (DGR31447) Rabbit mAb (PBS Only)**Cat.No.:** db13080-PBS**Synonyms** : RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases 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. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human p38

Gene ID

1432

Swiss Prot

Q16539

Synonyms

RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

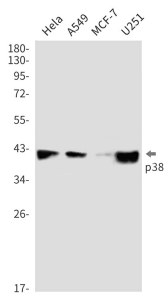
Recommended dilutionWB: 1:1000
ICC/IF: 1:200-1:500
FC: 1:100-1:200
IP: 1:100**Calculated MW**

41 kDa

Observed MW

41 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31447
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 p38 in HeLa,A549,MCF-7,U251 cell lysates using p38 antibody(1:1000 diluted).