



p38 (DGR31447) Rabbit mAb

db13080 Package : 10μL 20μL 50μL 100μL

Product Name: p38 (DGR31447) Rabbit mAb

Cat.No.: db13080

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

20081

Immunogen A synthetic peptide of human p38

Gene ID 1432

Swiss Prot Q16539

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p38ALPHA

Reactivity Human, Mouse, Rat

Application WB, ICC/IF, FC, IP

Recommended dilution WB: 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

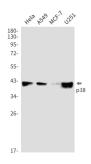
Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

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 p38 in Hela, A549, MCF-7, U251 cell lysates using p38 antibody(1:1000 diluted).