





DGRmAb<sup>®</sup>

## Phospho-p38 (Thr180/Tyr182) (DGR11129) Rabbit mAb

db12597 Package : 10μL 20μL 50μL 100μL

Product Name: Phospho-p38 (Thr180/Tyr182) (DGR11129) Rabbit mAb

Cat.No.: db12597

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

Application: WB

Reactivity: Human, Mouse 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 MAP3K7lP1/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 phosphopeptide corresponding to residues surrounding Thr180/Tyr182 of human p38

**Gene ID** 1432

Swiss Prot Q16539

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p38ALPHA

Reactivity Human, Mouse

**Application** WB

Recommended dilution WB: 1:1000

Calculated MW 41 kDa

Observed MW 41 kDa

Host species Rabbit



## For Research Use Only **Product Datasheet**

**Clonality** Monoclonal

Clonality No. DGR11129

**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.