

Recombinant



Phospho-ERK1/2 (Thr202/Thr185) (DGR12177) Rabbit mAb

db14364 Package : 10μL 20μL 50μL 100μL

Product Name: Phospho-ERK1/2 (Thr202/Thr185) (DGR12177) Rabbit mAb

Cat.No.: db14364

Synonyms: ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-

MAPK

Application : WB, IHC-P, ICC/IF, 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, also

known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively

spliced transcript variants encoding different protein isoforms have been described. [provided by

RefSeq, Jul 2008]

Immunogen A synthetic phosphopeptide corresponding to residues surrounding Thr202 of human ERK1

Gene ID 5595

Swiss Prot P27361

Synonyms ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1;

p44-MAPK

Reactivity Human, Mouse, Rat

Application WB, IHC-P, ICC/IF, IP

Recommended dilution WB: 1:1000

IHC-P: 1:200-1:500

ICC/IF: 1:100 IP: 1:20-1:50

Calculated MW 43,41 kDa

Observed MW 44,42 kDa

Host species Rabbit

Clonality Monoclonal



For Research Use Only **Product Datasheet**

Clonality No. DGR12177

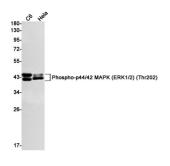
Isotype IgG

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 Phospho-p44/42 MAPK (ERK1/2) (Thr202) in C6,Hela cell lysates using Phospho-p44/42 MAPK (ERK1/2) (Thr202) antibody(1:1000 diluted).