

Recombinant

DGRmAb®

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

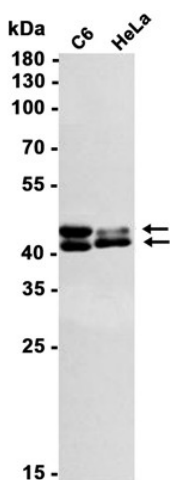
Host species

Rabbit

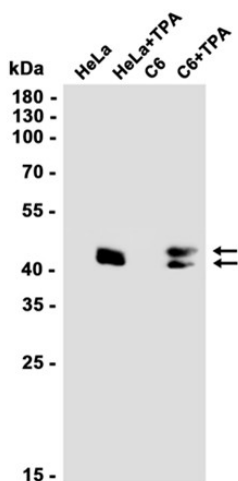
Clonality

Monoclonal

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 analysis of extracts from HeLa, C6 cells using db14364 at 1:1000.



Western blot analysis of extracts from HeLa, HeLa+TAP, C6, C6+TAP cells using db14364 at 1:1000.