

Recombinant

DGRmAb®

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

db14364-PBS

Package : 10µg 100µg

Product Name : Phospho-ERK1/2 (Thr202/Thr185) (DGR12177) Rabbit mAb (PBS Only)**Cat.No.:** db14364-PBS**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

Calculated MW

43,41 kDa

Observed MW

44,42 kDa

Host species

Rabbit

Clonality

Monoclonal

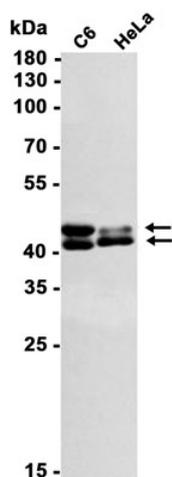
Clonality No.

DGR12177

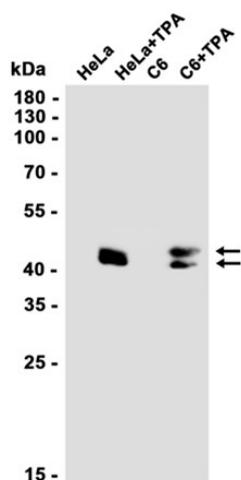
Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
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 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.