

Recombinant

DGRmAb®

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

db14364-PBS

Package : 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

**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

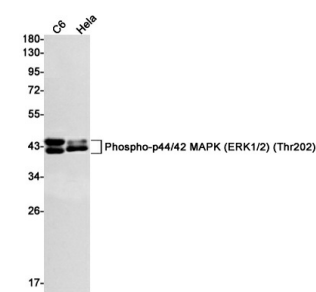
**Host species**

Rabbit

**Clonality**

Monoclonal

Clonality No.	DGR12177
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
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 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).