Recombinant DGRmAb®

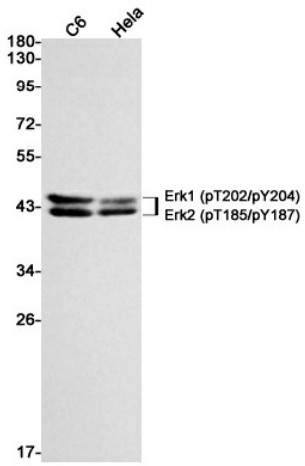
Phospho-ERK1 (Thr202/Tyr204) / ERK2 (Thr185/Tyr187) (DGR19964) Rabbit mAb

db14737 **Package : 10μL 20μL 50μL 100μL**

Product Name : Phospho-ERK1 (Thr202/Tyr204) / ERK2 (Thr185/Tyr187) (DGR19964) Rabbit mAb
Cat.No.: db14737
Synonyms : ERK; p38; p40; p41; ERK2; ERT1; ERK-2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; p42-MAPK
Application : WB, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), 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. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. One study also suggests that this protein acts as a transcriptional repressor independent of its kinase activity. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene. [provided by RefSeq, Jan 2014]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Thr202/Tyr204 of human Erk1
Gene ID	5594
Swiss Prot	P28482
Synonyms	ERK; p38; p40; p41; ERK2; ERT1; ERK-2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; p42-MAPK
Reactivity	Human,Mouse,Rat
Application	WB, IP
Recommended dilution	WB: 1:1000-1:5000 IP: 1:50-1:100
Calculated MW	41 kDa
Observed MW	44,42 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR19964
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 Erk1 (pT202/pY204)/Erk2 (pT185/pY187) in C6,Hela cell lysates using Erk1 (pT202/pY204)/Erk2 (pT185/pY187) antibody(1:1000 diluted).