

Recombinant

DGRmAb®

ERK1/2 (DGR11869) Rabbit mAb

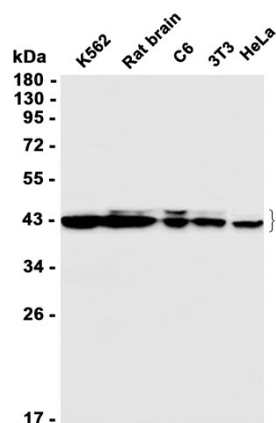
db11649

Package : 10µL 20µL 50µL 100µL

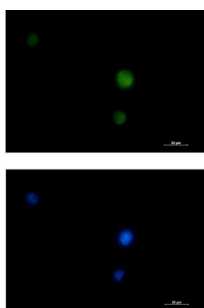
Product Name : ERK1/2 (DGR11869) Rabbit mAb**Cat.No.:** db11649**Synonyms :** ERT1; Erk2; ERK-2; p42-MAPK**Application :** WB, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit

Background	kinase involved in intracellular signaling; component of Mapk signaling pathway [RGD, Feb 2006]
Immunogen	Recombinant protein of human ERK2
Gene ID	116590
Swiss Prot	P28482
Synonyms	ERT1; Erk2; ERK-2; p42-MAPK
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:5000 ICC/IF: 1:100-1:200 FC: 1:200-1:500 IP: 1:50-1:100
Calculated MW	43,41 kDa
Observed MW	44,42 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11869
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

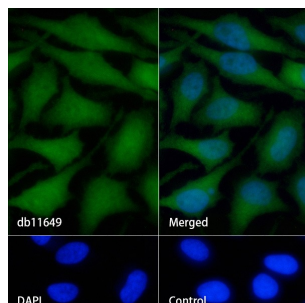
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, C6, 3T3, HeLa cells and Rat brain tissue using db11649 at 1:1000.



Immunofluorescent analysis of K562 cells using db11649 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling ERK1/2 with db11649.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11649 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.