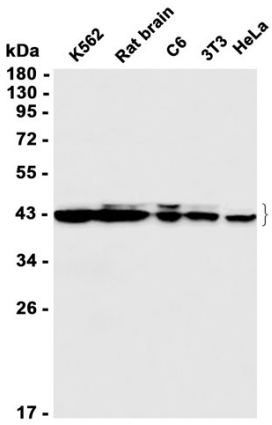
Recombinant DGRmAb®

ERK1/2 (DGR11869) Rabbit mAb (PBS Only)

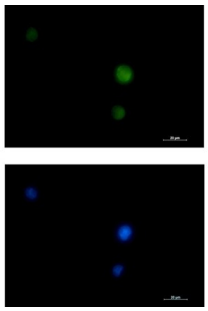
db11649-PBS **Package : 10μg 100μg**

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

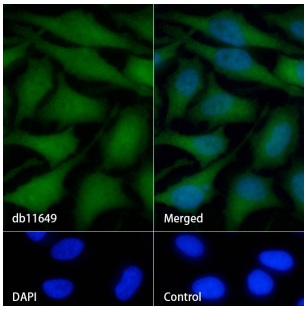
Background	kinase involved in intracellular signaling; component of Mapk signaling pathway [RGD, Feb 2006]
Immunogen	Recombinant protein of human ERK2
Gene ID	116590
Swiss Prot	P28482
Synonyms	ERT1; Erk2; ERK-2; p42-MAPK
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF, FC, IP
Calculated MW	43,41 kDa
Observed MW	44,42 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11869
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
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 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.