Recombinant DGRmAb®

ROCK2 (DGR11673) Rabbit mAb

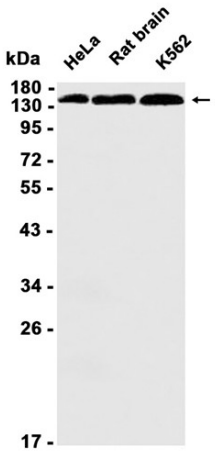
db11967 **Package : 10μL 20μL 50μL 100μL**

Product Name : ROCK2 (DGR11673) Rabbit mAb
Cat.No.: db11967
Synonyms : ROCK-II
Application : WB, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

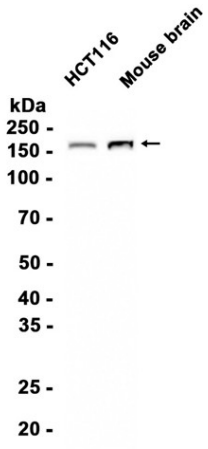
Background	The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human ROCK2
Gene ID	9475
Swiss Prot	O75116
Synonyms	ROCK-II
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF
Recommended dilution	WB: 1:2000-1:20000 ICC/IF: 1:100-1:200
Calculated MW	161 kDa
Observed MW	161 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11673
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

Storage Stability

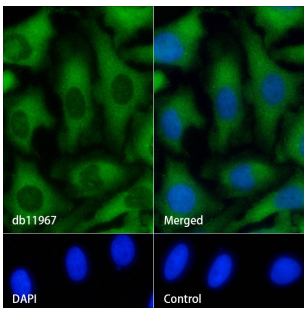
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, K562 cells and Rat brain tissue using db11967 at 1:1000.



Western blot analysis of extracts from HCT116 cells and Mouse brain tissue using db11967 at 1:2000.



Immunofluorescence analysis of HeLa cells labelling ROCK2 with db11967.

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 db11967 (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.