Recombinant DGRmAb®

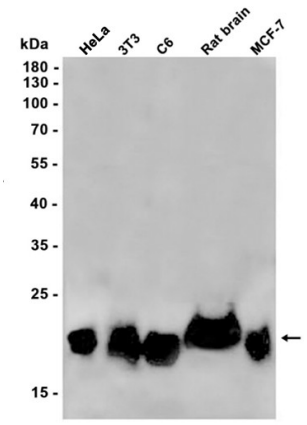
RAS (DGR13636) Rabbit mAb

db13171 **Package : 10μL 20μL 50μL 100μL**

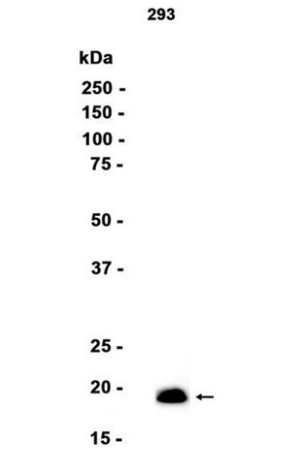
Product Name : RAS (DGR13636) Rabbit mAb
Cat.No.: db13171
Synonyms : NS6; CMNS; NCMS; ALPS4; N-ras; NRAS1
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This is an N-ras oncogene encoding a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. The encoded protein, which has intrinsic GTPase activity, is activated by a guanine nucleotide-exchange factor and inactivated by a GTPase activating protein. Mutations in this gene have been associated with somatic rectal cancer, follicular thyroid cancer, autoimmune lymphoproliferative syndrome, Noonan syndrome, and juvenile myelomonocytic leukemia. [provided by RefSeq, Jun 2011]
Immunogen	A synthetic peptide of human RAS
Gene ID	4893
Swiss Prot	P01111
Synonyms	NS6; CMNS; NCMS; ALPS4; N-ras; NRAS1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:500-1:2000 ICC/IF: 1:50-1:100 FC: 1:20-1:50 IP: 1:10-1:100
Calculated MW	22 kDa
Observed MW	22 kDa
Host species	Rabbit
Clonality	Monoclonal

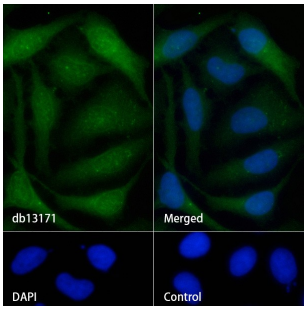
Clonality No.	DGR13636
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, 3T3, C6, MCF-7 cells and Rat brain tissue using db13171 at 1:1000.



Western blot analysis of extracts from 293 cells using db13171 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling RAS with db13171.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db13171 (1:50) 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.