Recombinant DGRmAb®

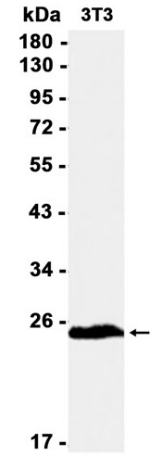
RAB7 (DGR16231) Rabbit mAb

db12231 **Package : 10μL 20μL 50μL 100μL**

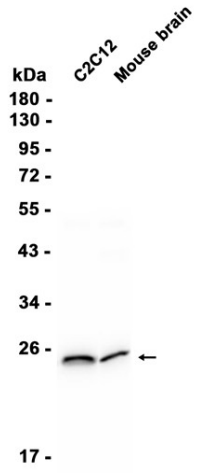
Product Name : RAB7 (DGR16231) Rabbit mAb
Cat.No.: db12231
Synonyms : RAB7; PRO2706
Application : WB, IHC, ICC/IF, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	RAB family members are small, RAS-related GTP-binding proteins that are important regulators of vesicular transport. Each RAB protein targets multiple proteins that act in exocytic / endocytic pathways. This gene encodes a RAB family member that regulates vesicle traffic in the late endosomes and also from late endosomes to lysosomes. This encoded protein is also involved in the cellular vacuolation of the VacA cytotoxin of Helicobacter pylori. Mutations at highly conserved amino acid residues in this gene have caused some forms of Charcot-Marie-Tooth (CMT) type 2 neuropathies. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human RAB7
Gene ID	7879
Swiss Prot	P51149
Synonyms	RAB7; PRO2706
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC
Recommended dilution	WB: 1:1000-1:5000 IHC: 1:20-1:100 ICC/IF: 1:50-1:200 FC: 1:50
Calculated MW	24 kDa
Observed MW	24 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16231

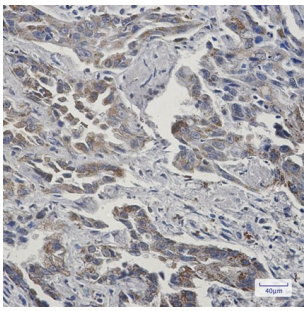
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



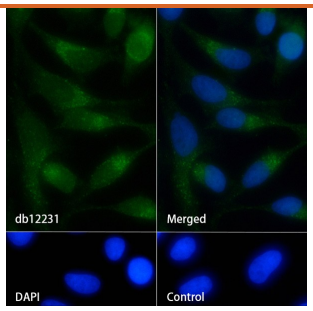
Western blot analysis of extracts from 3T3 cells using db12231 at 1:1000.



Western blot analysis of extracts from C2C12 cells and Mouse brain tissue using db12231 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db12231 antibody.



Immunofluorescence analysis of HeLa cells labelling RAB7 with db12231.

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 db12231 (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.