Recombinant DGRmAb®

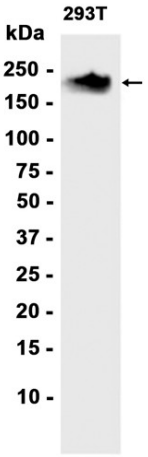
Tuberin (DGR32325) Rabbit mAb

db12165 **Package : 10μL 20μL 50μL 100μL**

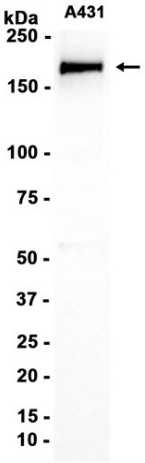
Product Name : Tuberin (DGR32325) Rabbit mAb
Cat.No.: db12165
Synonyms : LAM; TSC4; PPP1R160
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

Background	Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human Tuberin
Gene ID	7249
Swiss Prot	P49815
Synonyms	LAM; TSC4; PPP1R160
Reactivity	Human
Application	WB, IHC, ICC/IF, FC, IP
Recommended dilution	WB: 1:5000 IHC: 1:20 ICC/IF: 1:20 FC: 1:200-1:1000 IP: 1:20
Calculated MW	201 kDa
Observed MW	201 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32325
Isotype	IgG

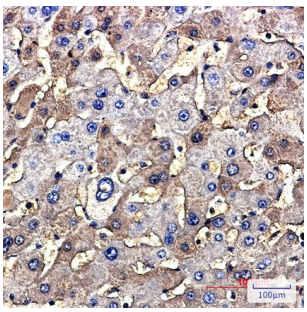
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



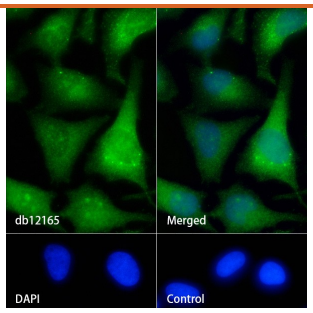
Western blot analysis of extracts from 293T cells using db12165 at 1:1000.



Western blot analysis of extracts from A431 cells using db12165 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human hepatic carcinoma using db12165 antibody.



Immunofluorescence analysis of HeLa cells labelling Tuberin with db12165.

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 db12165 (1:20) 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.