

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

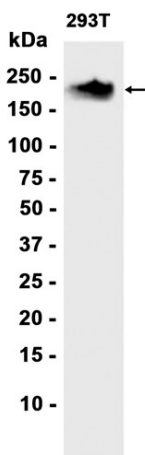
Clonality No.

DGR32325

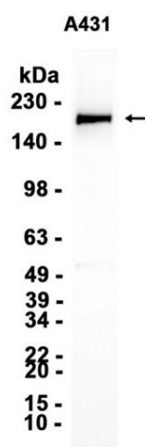
Isotype

IgG

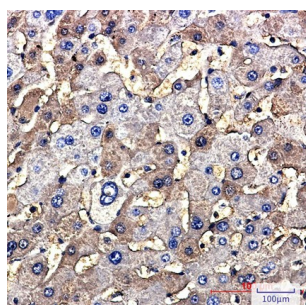
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



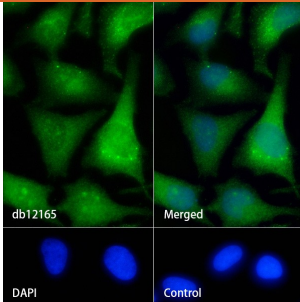
Western blot analysis of extracts from 293T cells using db12165 at 1:1000.



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.