Recombinant DGRmAb®

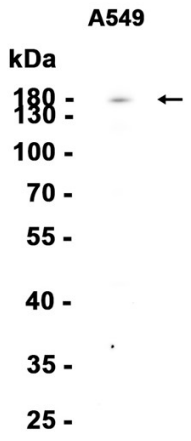
Hamartin (DGR31827) Rabbit mAb

db13638 **Package : 10μL 20μL 50μL 100μL**

Product Name : Hamartin (DGR31827) Rabbit mAb
Cat.No.: db13638
Synonyms : LAM; TSC
Application : WB, IHC-P, FC, IP
Reactivity : Human
Host species : Rabbit

Background	This gene is a tumor suppressor gene that encodes the growth inhibitory protein hamartin. The encoded protein interacts with and stabilizes the GTPase activating protein tuberin. This hamartin-tuberin complex negatively regulates mammalian target of rapamycin complex 1 (mTORC1) signalling which is a major regulator of anabolic cell growth. This protein also functions as a co-chaperone for Hsp90 that inhibits its ATPase activity. This protein functions as a facilitator of Hsp90-mediated folding of kinase and non-kinase clients, including Tsc2 and thereby preventing their ubiquitination and proteasomal degradation. Mutations in this gene have been associated with tuberous sclerosis. [provided by RefSeq, Apr 2018]
Immunogen	A synthetic peptide of human Hamartin
Gene ID	7248
Swiss Prot	Q92574
Synonyms	LAM; TSC
Reactivity	Human
Application	WB, IHC-P, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:100-1:200 FC: 1:20 IP: 1:20-1:50
Calculated MW	130 kDa
Observed MW	150-170 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR31827
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 A549 cells using db13638 at 1:1000.