Recombinant DGRmAb®

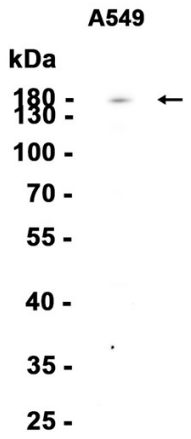
Hamartin (DGR31827) Rabbit mAb (PBS Only)

db13638-PBS **Package : 10μg 100μg**

Product Name : Hamartin (DGR31827) Rabbit mAb (PBS Only)
Cat.No.: db13638-PBS
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
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
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from A549 cells using db13638 at 1:1000.