

Recombinant

DGRmAb®

## Hamartin (DGR31827) Rabbit mAb (PBS Only)

db13638-PBS

Package : 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

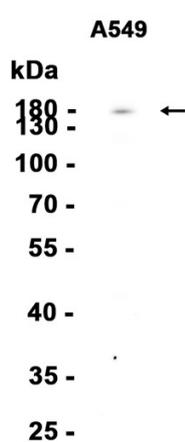
**Isotype**

IgG

**Purity**

Affinity Purification

<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.