

Recombinant

DGRmAb®

**RHEB (DGR13216) Rabbit mAb (PBS Only)**

db15626-PBS

Package : 10µg 100µg

**Product Name** : RHEB (DGR13216) Rabbit mAb (PBS Only)**Cat.No.:** db15626-PBS**Synonyms** : RHEB2**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regulation of growth and cell cycle progression due to its role in the insulin/TOR/S6K signaling pathway. The protein has GTPase activity and shuttles between a GDP-bound form and a GTP-bound form, and farnesylation of the protein is required for this activity. Three pseudogenes have been mapped, two on chromosome 10 and one on chromosome 22. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human RHEB

**Gene ID**

6009

**Swiss Prot**

Q15382

**Synonyms**

RHEB2

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC

**Calculated MW**

21 kDa

**Observed MW**

21 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13216

**Isotype**

IgG

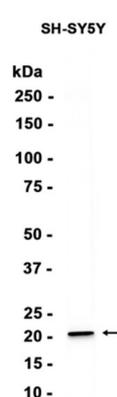
**Purity**

Affinity Purification

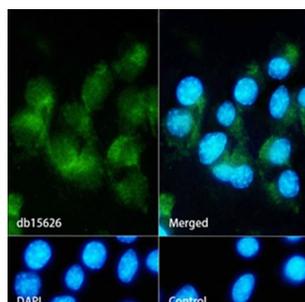
**Conjugation**

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 SH-SY5Y cells using [db15626](#) at 1:1000.



Immunofluorescence analysis of Neuro-2a cells labelling RHEB with [db15626](#).

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 [db15626](#) (1:200) 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.