Recombinant DGRmAb®

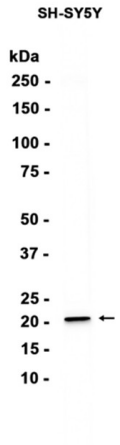
RHEB (DGR13216) Rabbit mAb (PBS Only)

db15626-PBS **Package : 10μg 100μg**

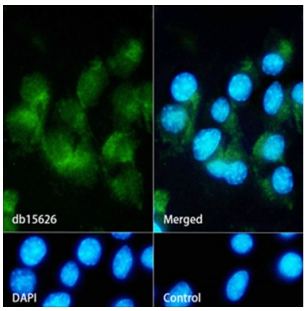
Product Name : RHEB (DGR13216) Rabbit mAb (PBS Only)
Cat.No.: db15626-PBS
Synonyms : RHEB2
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

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

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 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.