

Anti-Rheb Antibody (9U329)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9U329
Purification:	Affinity-chromatography

Applications

Verified Activity:	Immunofluorescence staining of Hela Cells with TMAH-01042 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).
Application:	ELISA, IF
Recommended	IF:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human RHEB
Antigen Species:	Human
Gene ID:	6009
Uniprot ID:	Q15382
Synonyms:	RHEB2; Ras homolog enriched in brain
Biology Area:	Cancer, Metabolism, Signal transduction

Research Background

Activates the protein kinase activity of mTORC1, and thereby plays a role in the regulation of apoptosis. Stimulates the phosphorylation of S6K1 and EIF4EBP1 through activation of mTORC1 signaling. Has low intrinsic GTPase activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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