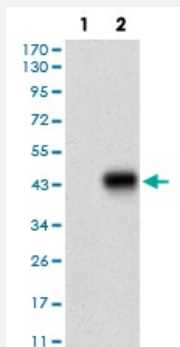


RPTOR monoclonal antibody, clone 6G9C4

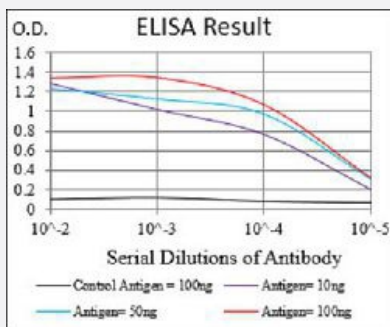
Catalog # MAB17785 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) RPTOR-hlgGfc transfected HEK293 cell lysate with RPTOR monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of RPTOR monoclonal antibody, clone 6G9C4.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human RPTOR.
Immunogen	Recombinant protein corresponding to amino acids 874-1009 of human RPTOR from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	149
Reactivity	Human
Form	Liquid
Isotype	IgG1

Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) RPTOR-hlgGfc transfected HEK293 cell lysate with RPTOR monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of RPTOR monoclonal antibody, clone 6G9C4.

Gene Info — RPTOR

Entrez GeneID	57521
Gene Name	RPTOR
Gene Alias	KOG1, Mip1
Gene Description	regulatory associated protein of MTOR, complex 1
Omim ID	607130
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a component of a signaling pathway that regulates cell growth in response to nutrient and insulin levels. The encoded protein forms a stoichiometric complex with the mTOR kinase, and also associates with eukaryotic initiation factor 4E-binding protein-1 and ribosomal protein S6 kinase. The protein positively regulates the downstream effector ribosomal protein S6 kinase, and negatively regulates the mTOR kinase. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>

Other Designations

p150 target of rapamycin (TOR)-scaffold protein containing WD-repeats|regulatory associated protein of mTOR

Pathway

- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)