MTOR (Human) Cell-Based ELISA Kit

Catalog # KA3239 Size 1 Kit

Specification

Product Description	MTOR (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative dete rmination of MTOR expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — MTOR

Entrez GeneID	2475
Gene Name	MTOR
Gene Alias	FRAP, FRAP1, FRAP2, RAFT1, RAPT1
Gene Description	mechanistic target of rapamycin
Omim ID	601231

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Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene. [provided by RefSeq
Other Designations	FK506 binding protein 12-rapamycin associated protein 1|FK506 binding protein 12-rapamycin associated protein 2|FK506-binding protein 12-rapamycin complex-associated protein 1|FKBP-rapamycin associated protein|FKBP12-rapamycin complex-associated protein 1

Pathway

- Acute myeloid leukemia
- Adipocytokine signaling pathway
- ErbB signaling pathway
- Glioma
- Insulin signaling pathway
- mTOR signaling pathway
- Pathways in cancer
- Prostate cancer
- Type II diabetes mellitus

Disease

- Adenocarcinoma
- Alzheimer disease
- Cardiovascular Diseases
- Colonic Neoplasms
- Diabetes Complications
- Esophageal Neoplasms
- Kidney Failure

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- Metabolic Syndrome X
- Neoplasms
- Osteoporosis
- Rectal Neoplasms
- Tobacco Use Disorder

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