

Anti-mTOR [R07-8H4] Monoclonal Antibody

AGMB01425

Description

This Anti-mTOR [R07-8H4] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: AGMB01425

Contents: 20µl, 50µl, 100µl
Bradford Reagent: 1 vial (2ml)

Synonyms: MTOR, FRAP, FRAP1, FRAP2, RAFT1, RAPT1, Serine/threonine-protein kinase mTOR, FK506-binding protein 12-rapamycin complex-associated protein 1, FKBP12-rapamycin complex-associated protein, Mammalian target of rapamycin, mTOR, Mechanistic tar

Applications: **WB** **IHC-P** **ICC/IF** **FC** **IP**

Research Area: Cell Biology

Form: Liquid

Antibody Data

Reactivity: Human, Mouse, Rat

Clone: R07-8H4

Clonality: Monoclonal Antibody

SwissProt ID: P42345

Immunogen: A synthesized peptide derived from human mTOR

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Gene ID: 2475

Gene Name: MTOR

Host Species: Rabbit

Isotype: IgG

Purification: Affinity Chromatography

Conjugated: Unconjugated

Modification: Unmodified

Molecular Weight: Calculated MW: 289 kDa, Observed MW: 289 kDa

Preparation & Storage

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Store Bradford Reagent at Room Temperature for 1 Year.

Storage Buffer: Liquid in 1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA

Antibody Dilution Ratio:

Application	Antibody Dilution Ratio
WB	1:500-1:2000
IHC	1:100-1:400
IF	1:50-1:200
IP	1:30
FC	1:50-1:100

Protein Quantification (Optional):

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.