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Product datasheet for TA425096

MTOR Rabbit Monoclonal Antibody [Clone ID: 24GB325]

Product data:

Product Type:	Primary Antibodies
Clone Name:	24GB325
Applications:	FC, ICC, WB
Recommended Dilution:	Western Blotting (WB): 1:1,000-1:5,000, Flow Cytometry (FCM): 1:2,000, Immunocytochemistry (IC): 1:100-1:1,000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human Phospho-mTOR (S2481)
Formulation:	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Concentration:	Lot dependent
Purification:	Affinity Purified
Conjugation:	Unconjugated
Stability:	Store at -20 ℃ for one year.
Database Link:	P42345
Synonyms:	DJ576K7.1 (FK506 Binding Protein 12-Rapamycin Associated Protein 1); EC 2.7.11.1; 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; FKBP12-Rapamycin Complex-Associated Protein 1; FLJ44809; FRAP; FRAP1; FRAP2; Mammalian Target Of Rapamycin; Mechanistic Target Of Rapamycin; Mechanistic Target Of Rapamycin (Serine/Threonine Kinase); Mechanistic Target Of Rapamycin Kinase; MTOR; RAFT1; Rapamycin And FKBP12 Target 1; Rapamycin Associated Protein FRAP2; Rapamycin Target Protein; Rapamycin Target Protein 1; RAPT1; Serine/Threonine-Protein Kinase MTOR; SKS

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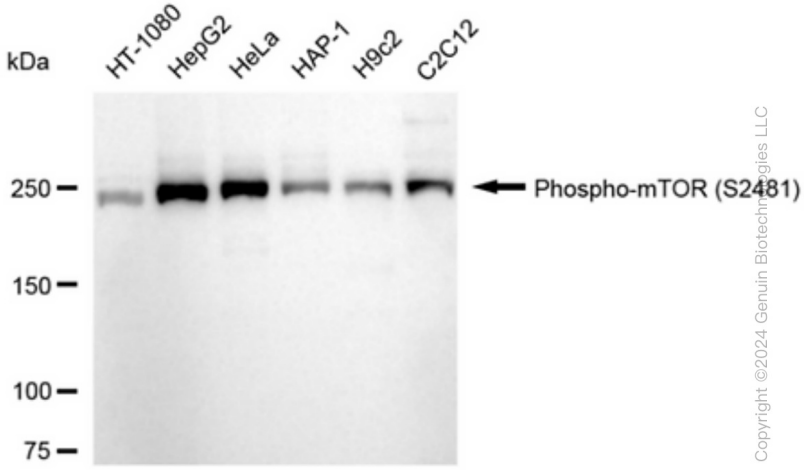
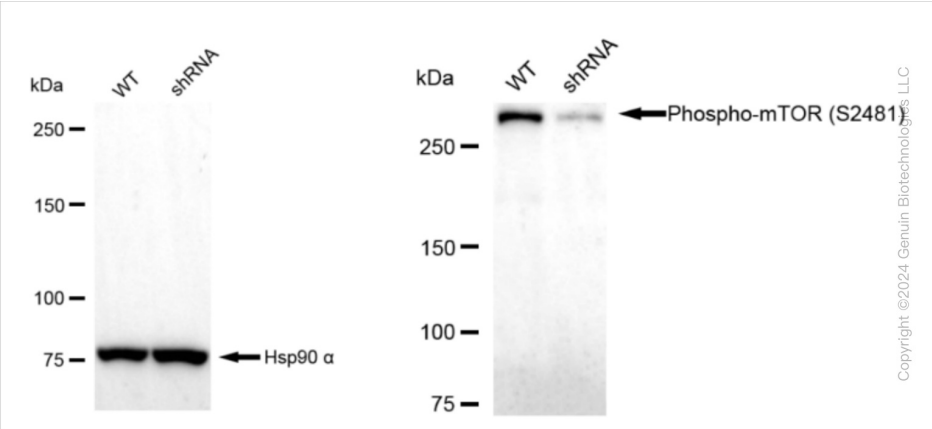
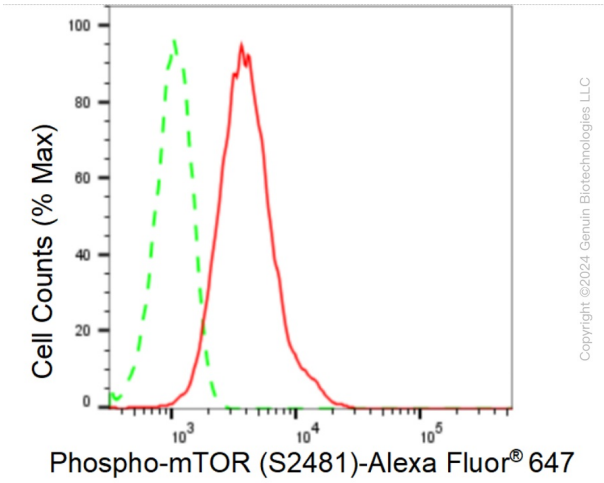
Product images:



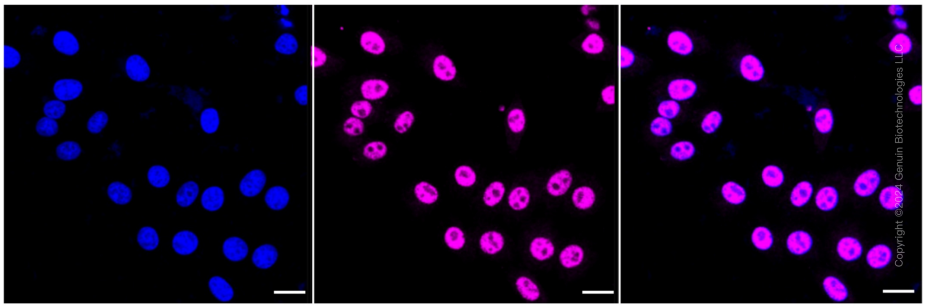
Western blotting analysis using anti-Phospho-mTOR (S2481) antibody . Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-mTOR (S2481) antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Phospho-mTOR (S2481) antibody . Phospho-mTOR (S2481) expression in wild type (WT) and Phospho-mTOR (S2481) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Phospho-mTOR (S2481) antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-NaQ™ ECL Substrate Kit .



Flow cytometric analysis of Phospho-mTOR (S2481) expression in HepG2 cells using anti-Phospho-mTOR (S2481) antibody . Green, isotype control; red, Phospho-mTOR (S2481).



Immunocytochemical staining of HepG2 cells with anti-Phospho-mTOR (S2481) antibody . Nuclei were stained blue with DAPI; Phospho-mTOR (S2481) was stained magenta with Alexa Fluor® 647. Images were taken using anti-Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.