

## mTOR (Phospho-Ser2481) Conjugated Antibody

Catalog No: #C14234



Package Size: #C14234-AF350 100ul #C14234-AF405 100ul #C14234-AF488 100ul  
 #C14234-AF555 100ul #C14234-AF594 100ul #C14234-AF647 100ul  
 #C14234-AF680 100ul #C14234-AF750 100ul #C14234-Biotin 100ul

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## Description

Product Name	mTOR (Phospho-Ser2481) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-mTOR (S2481) Antibody detects endogenous levels of total Phospho-mTOR (S2481)
Immunogen Description	A synthesized peptide derived from human Phospho-mTOR (S2481)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FRAP; FRAP1; FRAP2; RAFT1; Rapamycin target protein; kinase mTOR;
Accession No.	Uniprot:P42345
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	289kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

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Note: This product is for in vitro research use only