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## Product Datasheet

### Phospho-mTOR-S2481 Rabbit mAb, Unconjugated ABB-AP0978

Article Name	Phospho-mTOR-S2481 Rabbit mAb, Unconjugated
Biozol Catalog Number	ABB-AP0978
Supplier Catalog Number	AP0978
Alternative Catalog Number	ABB-AP0978-20UL,ABB-AP0978-100UL,ABB-AP0978-500UL,ABB-AP0978-1000UL
Manufacturer	ABclonal
Host	Rabbit
Category	Antikörper
Application	ELISA, WB
Species Reactivity	Human
Immunogen	Synthetic peptide. This information is considered to be commercially sensitive.
Conjugation	Unconjugated
Product Description	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 kinase is a component of two distinct complexe...
Clonality	Monoclonal
Clone Designation	[ARC1522]
Molecular Weight	289kDa

NCBI	<a href="#">2475</a>
UniProt	<a href="#">P42345</a>
Purity	Affinity purification
Sequence	IHSFI
Target	MTOR
Antibody Type	Primary Antibody
Application Dilute	WB,1:500 - 1:2000 ELISA,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Application Notes	Cross-Reactivity: Human,Mouse, ResearchArea: Epigenetics Nuclear Signaling,Transcription Factors,DNA Damage Repair,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Protein phosphorylation,Cancer,Signal Transduction,Kinase,Serine threonine kinases,PI3K-Akt Signaling Pathway,mTOR Signaling Pathway,ErbB-HER Signaling Pathway,Cell Biology Developmental Biology,Autophagy,Cell Cycle,Cell cycle inhibitors,TGF-b-Smad Signaling Pathway,Endocrine Metabolism,AMPK Signaling Pathway,Insulin Receptor Signaling Pathway,Warburg Effect,Endocrine and metabolic diseases,Obesity,Immunology Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,Jak-Stat-IL-6 Receptor Signaling Pathway,Cardiovascular,Angiogenesis,Heart,Cardiogenesis.