

Datasheet for ABIN2585005
anti-MTOR antibody (AA 1766-2144)



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Overview

Quantity:	100 µL
Target:	MTOR (mTOR)
Binding Specificity:	AA 1766-2144
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MTOR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Human recombinant protein fragment corresponding to amino acids 1766-2144 of human MTOR(NP_004949) produced in E. coli. Type of Immunogen: Recombinant protein
Clone:	1G4
Isotype:	IgG2a
Specificity:	Human MTOR
Purification:	Immunoaffinity purified

Target Details

Target:	MTOR (mTOR)
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Target Details

Alternative Name:	MTOR (mTOR Products)
Background:	Name/Gene ID: MTOR Subfamily: PI3/PI4 Family: Protein Kinase Synonyms: MTOR, FRAP1, FRAP2, FRAP, Mammalian target of rapamycin, RAFT1, Rapamycin and FKBP12 target 1, RAPT1, Rapamycin target protein 1
Gene ID:	2475
NCBI Accession:	NP_004949
Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Actin Filament Polymerization , Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Autophagy , CXCR4-mediated Signaling Events , BCR Signaling , Warburg Effect

Application Details

Application Notes:	Approved: WB (1:2000)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.3, 1 % BSA, 50 % glycerol, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze-thaw cycles.