

Datasheet for ABIN528213
anti-Raptor antibody (AA 1226-1335)



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Overview

Quantity:	100 µg
Target:	Raptor (RPTOR)
Binding Specificity:	AA 1226-1335
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Raptor antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant RPTOR.
Immunogen:	RPTOR (NP_065812.1, 1226 a.a. ~ 1335 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	HIVSVVNGD VRIFDPRMPE SVNVLQIVKG LTALDIHPQA DLIACGSVNQ FTAIYNSSGE LINNIKYYDG FMGQRVGAIS CLAFHPHWPV LAVGSNDYYI SVYSVEKRVR
Clone:	3C2
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Raptor (RPTOR)
Alternative Name:	RPTOR (RPTOR Products)
Background:	Full Gene Name: regulatory associated protein of MTOR, complex 1 Synonyms: KOG1,Mip1
Gene ID:	57521
NCBI Accession:	NM_020761
Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Skeletal Muscle Fiber Development , Autophagy , BCR Signaling , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.