antibodies

Datasheet for ABIN2725499 MARK2 Protein (His tag)

Image



Overview

Quantity:	50 µg
Target:	MARK2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MARK2 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human MARK2 (full length, N-term HIS tag, transcript variant 1) protein expressed in E.coli.
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	MARK2
Alternative Name:	Mark2 (MARK2 Products)
Background:	This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The
	protein is an important regulator of cell polarity in epithelial and neuronal cells, and also
	controls the stability of microtubules through phosphorylation and inactivation of several
	microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript

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Target Details	
	variants encoding different isoforms have been

Molecular Weight:	82.9 kDa
NCBI Accession:	NP_059672
Pathways:	SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2
	Infection

found for this gene.

Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot

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