

Datasheet for ABIN714075

anti-MARK2 antibody (pSer595) (Cy5)



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Overview

Quantity:	100 µL
Target:	MARK2
Binding Specificity:	pSer595
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARK2 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MARK2 around the phosphorylation site of Ser595
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	MARK2
Alternative Name:	Mark2 (MARK2 Products)
Background:	Synonyms: ELKL mot kinase 1, MARK2phospho S595, ELKL mot kinase, EMK-1, EMK1,

Target Details

MAP/microtubule affinity regulating kinase 2, MAP/microtubule affinity-regulating kinase 2, Mark2, MARK2_HUMAN, PAR1 homolog, Serine/threonine protein kinase MARK2, Serine/threonine-protein kinase MARK2.

Background: MARK2 refers to MAP/microtubule affinity-regulating kinase 2 isoform a [Homo sapiens]. EMK (ELKL Motif Kinase) is a small family of ser/thr protein kinases involved in the control of cell polarity, microtubule stability and cancer. Several cDNA clones have been isolated that encoded two isoforms of the human ser/thr protein kinase EMK1 called MARK2. These isoforms were characterized by the presence of a 162-bp alternative exon that gave rise to two forms, one containing the exon and the other one lacking it. Both forms were found to be coexpressed in a number of selected cell lines and tissue samples. Human MARK2 was shown to be encoded by a single mRNA ubiquitously expressed. This transcription variant includes the alternative exon in the coding region and therefore codes for a longer protein. Multiple splice variants exist for this protein.

Gene ID: 2011

UniProt: [Q7KZI7](#)

Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

Application Details

Application Notes: IF(IHC-P)(1:50-200)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months