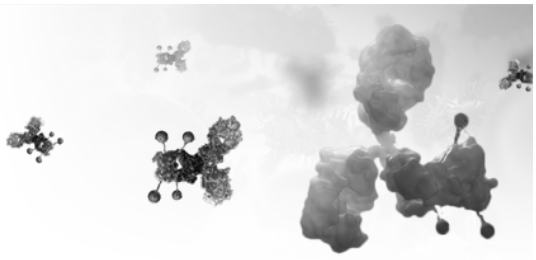

Mouse anti-Human CSNK1E monoclonal antibody, clone 3F2 (CABT-B10037)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CSNK1E (NP_689407, 2 a.a. ~ 101 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3F2
Conjugate	Unconjugated
Applications	IF,sELISA,ELISA
Sequence Similarities	ELRVGNKYRLGRKIGSGSFGDIYLGANIASGEEVAIKLECVKTKHPQLHIESKFYKMMQG GVGIPSIKWCGAEGDYNVMVMELLGPSLEDLFNFCSRKF*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of

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	cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2014]
Keywords	CSNK1E; casein kinase 1, epsilon; HCKIE; CKIepsilon; casein kinase I isoform epsilon; CKIe; CKI-epsilon;

GENE INFORMATION

Entrez Gene ID	1454
UniProt ID	Q5U045
Pathway	Canonical Wnt signaling pathway, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian rhythm - mammal, organism-specific biosystem; Circadian rhythm - mammal, conserved biosystem
Function	ATP binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity

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