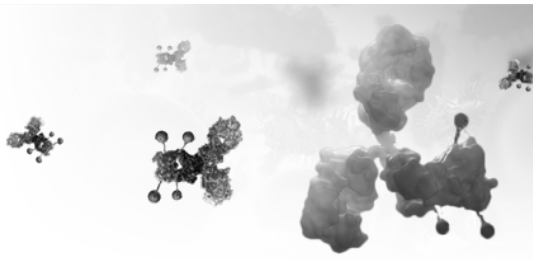

Anti-CASK monoclonal antibody, clone T67B-61 [FITC] (DCABH-7649)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to CASK (FITC)
Antigen Description	Multidomain scaffolding protein with a role in synaptic transmembrane protein anchoring and ion channel trafficking. Contributes to neural development and regulation of gene expression via interaction with the transcription factor TRB1. Binds to cell-surface proteins, including amyloid precursor protein, neurexins and syndecans. May mediate a link between the extracellular matrix and the actin cytoskeleton via its interaction with syndecan and with the actin/spectrin-binding protein 4.1.
Immunogen	Recombinant fragment corresponding to Rat SHANK3 aa 318-415. NP_071520.1.Sequence: NSF YGDPPEELPD FSEDPTSSGL LAAERAVSQV LDSLEEIHAL TDCSEKDLDF LHSVFQDQHL HTLLDLYDKI NTKSSPQIRN PPSDAVQRAK EVLEE Database link: Q62915
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human, Xenopus laevis, Zebrafish
Clone	T67B-61
Conjugate	FITC
Applications	WB, IP, IHC-Fr, IHC-P
Positive Control	Rat brain tissue extract.
Format	Liquid
Size	100 µg

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Buffer	pH: 7.4; Preservative: 0.09% Sodium azide; Constituents: 50% Glycerol, 49% PBS
Preservative	0.09% Sodium Azide
Storage	Store at +4°C. Do Not Freeze. Store In the Dark.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	Cask calcium/calmodulin-dependent serine protein kinase (MAGUK family) [Rattus norvegicus]
Official Symbol	CASK
Synonyms	CASK; calcium/calmodulin-dependent serine protein kinase (MAGUK family); peripheral plasma membrane protein CASK;
Entrez Gene ID	29647
Protein Refseq	NP_071520
UniProt ID	Q62915
Pathway	Cell-Cell communication, organism-specific biosystem; Nephrin interactions, organism-specific biosystem; Tight junction, organism-specific biosystem; Tight junction, conserved biosystem;
Function	ATP binding; G-protein coupled purinergic nucleotide receptor activity; G-protein coupled receptor activity; PDZ domain binding; calmodulin binding; calmodulin-dependent protein kinase activity; neurexin family protein binding; nucleotide binding; protein

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