



Anti-CAMK1D monoclonal antibody, clone FQS4647(3) (DCABH-5777)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to CAMK1D
Antigen Description	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. May regulate calcium-mediated granulocyte function. May play a role in apoptosis of erythroleukemia cells. Activates MAP kinase MAPK3 (By similarity). In vitro, phosphorylates transcription factor CREM isoform Beta and probably CREB1.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human CAMK1D aa 350 to the C-terminus (Cysteine residue). The exact sequence is proprietary. Database link: Q8IU85
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS4647(3)
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	Human fetal forebrain, 293T and HeLa lysates; 293T cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.2; Preservative: 0.01% Sodium azide; Constituents: 0.05% BSA, 50% Glycerol, 49% PBS

Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	CAMK1D calcium/calmodulin-dependent protein kinase ID [Homo sapiens]
Official Symbol	CAMK1D
Synonyms	CAMK1D; calcium/calmodulin-dependent protein kinase ID; calcium/calmodulin-dependent protein kinase type 1D; CKLiK; caMKI delta; caM-KI delta; CaM kinase ID; caM kinase I delta; CamKI-like protein kinase; CaM-K1; CaMKID;
Entrez Gene ID	57118
Protein Refseq	NP_065130
UniProt ID	Q5SQQ7
Chromosome Location	10p13
Function	ATP binding; calmodulin binding; calmodulin-dependent protein kinase activity; nucleotide binding;