



Anti-CAMK1D monoclonal antibody, clone 3D7 (DCABH-637)

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

PRODUCT INFORMATION

Product Overview	Mouse 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	Recombinant full length Human CAMK1D produced in HEK293T cells (NP_065130).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3D7
Purification	This antibody was purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY CAMK1D cDNA; Human breast adenocarcinoma and thyroid tissues; COS7 cells transiently transfected by pCMV6-ENTRY CAMK1D.
Format	Liquid
Size	100 µl

Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
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;