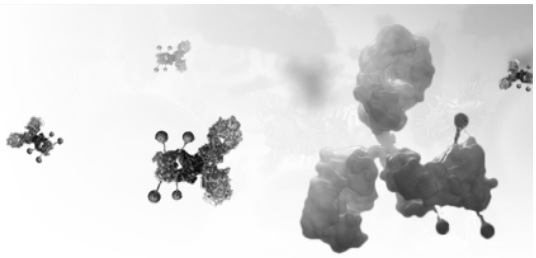

Mouse anti-Human GRK4 monoclonal antibody, clone 7E23 (CABT-B10364)

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

PRODUCT INFORMATION

Immunogen	GRK4 (NP_892027, 36 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	7E23
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	LPPVSQCSELRHSIEKDYSSLCDKQPIGRRLFRQFCDTKPTLKRHIEFLDAVAEYEVADD EDRSDCGLSILDRFFNDKLAAPLPEIPPDVVTECRLGLKEENPSKKAFEE
Format	Liquid
Size	50 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the

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	activated forms of G protein-coupled receptors thus initiating its deactivation. This gene has been linked to both genetic and acquired hypertension. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]
Keywords	GRK4; G protein-coupled receptor kinase 4; IT11; GPRK4; GRK4a; GPRK2L; ITI1;

GENE INFORMATION

Entrez Gene ID	2868
UniProt ID	P32298
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem
Function	ATP binding; G-protein coupled receptor kinase activity; nucleotide binding; rhodopsin kinase activity; signal transducer activity

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