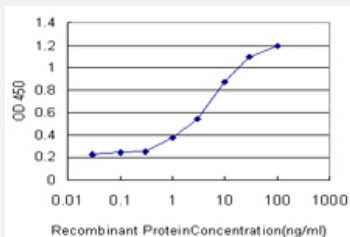


GRK4 monoclonal antibody (M02), clone 6D5

Catalog # H00002868-M02

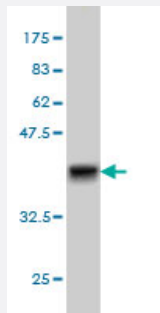
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GRK4 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GRK4.

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.

Sequence

LPPVSQCSELRHSIEKDYSSLCDKQPIGRRLFRQFCDTKPTLKRHIEFLDAVAEYEVADDED RSD
CGLSILDRFFNDKLAAPLPEIPPDVVTECRLGLKEENPSKKAFEE

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (68); Rat (64)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GRK4 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GRK4

Entrez GeneID	2868
GeneBank Accession#	NM_182982
Protein Accession#	NP_892027
Gene Name	GRK4
Gene Alias	GPRK2L, GPRK4, GRK4a, IT11
Gene Description	G protein-coupled receptor kinase 4
Omim ID	137026
Gene Ontology	Hyperlink

Gene Summary

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 activated forms of G protein-coupled receptors thus initiating its deactivation. This gene has been linked to both genetic and acquired hypertension. [provided by RefSeq]

Other Designations

G protein-coupled receptor kinase 2-like|G-protein coupled receptor kinase 4

Pathway

- [Chemokine signaling pathway](#)
- [Endocytosis](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Kidney Failure](#)
- [Pre-Eclampsia](#)
- [Tachycardia](#)