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Datasheet for ABIN561106
anti-GRK4 antibody (AA 36-145)

2 Images

Overview

Quantity:	100 µg
Target:	GRK4
Binding Specificity:	AA 36-145
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GRK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	LPPVSQCSEL RHSIEKDYSS LCDKQPIGRR LFRQFCDTKP TLKRHIEFLD AVAEYEVADD EDRSDCGLSI LDRFFNDKLA APLPEIPPDV VTECRLGLKE ENPSKKAFEE
Clone:	2C5
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	GRK4
Alternative Name:	GRK4 (GRK4 Products)
Background:	Full Gene Name: G protein-coupled receptor kinase 4 Synonyms: GPRK2L,GPRK4,GRK4a,IT11
Gene ID:	2868
NCBI Accession:	NM_182982
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling

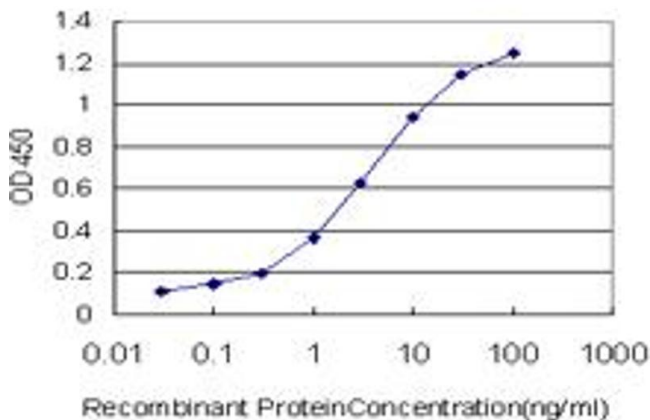
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

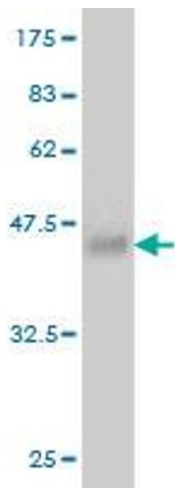
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged GRK4 is approximately 0.1 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.73 KDa).