



Datasheet for ABIN565152  
**anti-KCNE4 antibody (AA 1-170)**



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2 Images

Overview

Quantity:	100 µg
Target:	KCNE4
Binding Specificity:	AA 1-170
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KCNE4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant KCNE4.
Immunogen:	KCNE4 (AAH14429, 1 a.a. ~ 170 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MLKMEPLNST HPGTAASSSP LESRAAGGGS GNGNEYFYIL VVMSFYGIFL IGIMLGYMKS KRREKKSSLL LLYKDEERLW GEAMKPLPVV SGLRSVQVPL MLNMLQESVA PALSCTLCSM EGDSVSSESS SPDVHLTIQE EGADEELEET SETPLNESSE GSSENIHQNS
Clone:	1D7
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	KCNE4
Alternative Name:	KCNE4 ( <a href="#">KCNE4 Products</a> )
Background:	Full Gene Name: potassium voltage-gated channel, Isk-related family, member 4 Synonyms: MGC20353,MIRP3
Gene ID:	23704

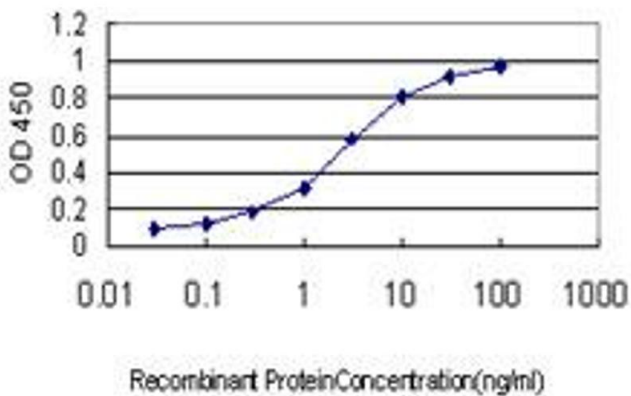
## Application Details

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

## Handling

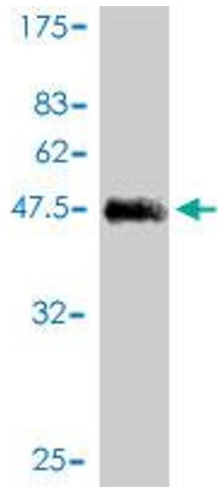
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### ELISA

**Image 1.** Detection limit for recombinant GST tagged KCNE4 is approximately 0.1ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (44.44 kDa).