Datasheet for ABIN566989

anti-GK5 antibody (AA 1-89)

3 Images

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Overview

Quantity:	100 µg
Target:	GK5
Binding Specificity:	AA 1-89
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MGC40579.
Immunogen:	MGC40579 (NP_689989, 1 a.a. ~ 89 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSGLLTDPEQ RAQEPRYPGF VLGLDVGSSV IRCHVYDRAA RVCGSSVQKV ENLYPQIGWV EIDPDVLWIQ FVAVIKEAVK AAGIQMNQI
Clone:	2C11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

Target:	GK5
Alternative Name:	GK5 (GK5 Products)
Background:	Full Gene Name: glycerol kinase 5 (putative) Synonyms: FLJ33582,FLJ45739,MGC40579
Gene ID:	256356
NCBI Accession:	NM_152776

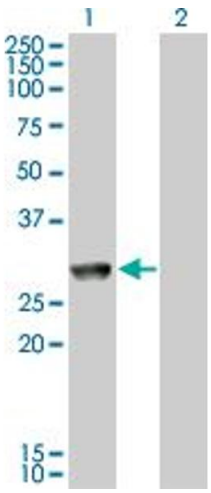
Application Details

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

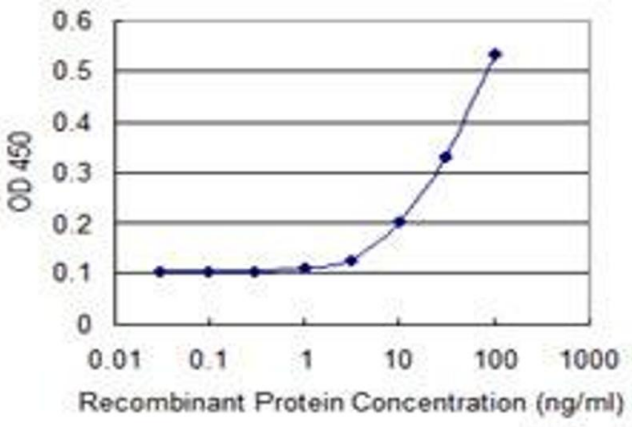


Western Blotting

Image 1. Western Blot analysis of MGC40579 expression in transfected 293T cell line by MGC40579 monoclonal antibody (M11), clone 2C11.

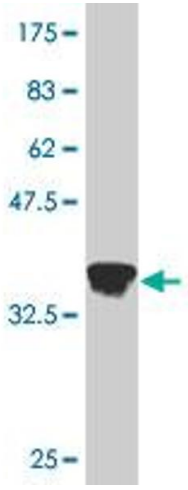
Lane 1: MGC40579 transfected lysate(33.9 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged GK5 is 3 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (35.53 KDa) .

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