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Datasheet for ABIN969085 anti-DKK1 antibody

1 Image

2 Publications



Overview

Quantity:	100 µL
Target:	DKK1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of DKK1 expressed in E. coli.
Clone:	2H2
lsotype:	lgG2b
Purification:	purified

Target Details

Target:	DKK1
Alternative Name:	DKK1 (DKK1 Products)
Background:	Description: DKK1: dickkopf homolog 1 (Xenopus laevis), also known as SK. Entrez Protein
	NP_036374. DKK1 is a member of the dickkopf family. It is a secreted protein with two cysteine
	rich regions and is involved in embryonic development through its inhibition of the WNT
	signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is
	associated with the presence of osteolytic bone lesions in patients with multiple myeloma.

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Target Details

	Aliases: SK, DKK-1,
Molecular Weight:	28.7 kDa
Gene ID:	22943
HGNC:	22943
Pathways:	WNT Signaling, Regulation of Muscle Cell Differentiation, Positive Regulation of fat Cell
	Differentiation

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

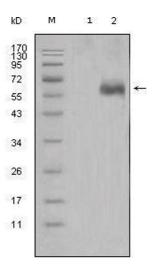
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	
Product cited in:	Jan, Adolfsson, Allaman, Buccarello, Magistretti, Pfeifer, Muhs, Lashuel: "Abeta42 neurotoxicity is mediated by ongoing nucleated polymerization process rather than by discrete Abeta42

species." in: **The Journal of biological chemistry**, Vol. 286, Issue 10, pp. 8585-96, (2011) (PubMed).

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Deshmukh, Salehzadeh, Metayer-Coustard, Fahlman, Nair, Al-Khalili: "Post-transcriptional gene silencing of ribosomal protein S6 kinase 1 restores insulin action in leucine-treated skeletal muscle." in: **Cellular and molecular life sciences : CMLS**, Vol. 66, Issue 8, pp. 1457-66, (2009) (PubMed).

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Western Blotting

Image 1. Western blot analysis using DKK1 mouse mAb against HEK293 (1) and DKK1-hIgGFc transfected HEK293 cell lysate (2).

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