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Datasheet for ABIN1724727 anti-DKK3 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	DKK3
Reactivity:	Human, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DKK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human DKK3 expressed in E. coli.
Clone:	4G7
lsotype:	lgG1
Purification:	purified

Target Details

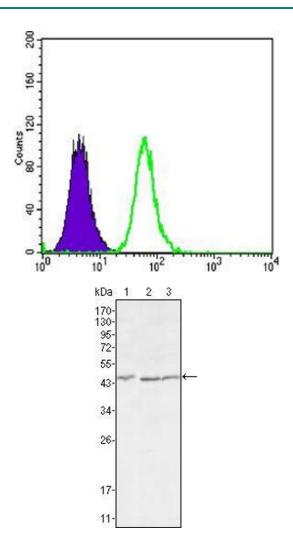
Target:	DKK3
Abstract:	DKK3 Products
Background:	Description: Dkk-3 (Dickkopf-3) is a member of the dickkopf family. It is a 350 amino acid secreted glycoprotein that is composed of an N-terminal signal peptide and two conserved cysteine-rich domains, which are separated by a 12 amino acid linker region. This secreted
	protein is involved in embryonic development through its interactions with the Wnt signaling

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Target Details

	pathway. The expression of this gene is decreased in a variety of cancer cell lines and it may
	function as a tumor suppressor gene.
	Aliases: RIG, REIC
Molecular Weight:	38 kDa
Gene ID:	27122
HGNC:	27122
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400
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:	Yoshida, Ishikawa, Niitsu, Nakazato, Watanabe, Shiraishi, Shiina, Hashimoto, Kanahara,

Hasegawa, Enohara, Kimura, Iyo, Hashimoto: "Decreased serum levels of mature brain-derived neurotrophic factor (BDNF), but not its precursor proBDNF, in patients with major depressive disorder." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e42676, (2012) (PubMed).



Flow Cytometry

Image 1. Flow cytometric analysis of MCF-7 cells using anti-DKK3 mAb (green) and negative control (purple).

Western Blotting

Image 2. Western blot analysis using DKK3 mouse mAb against HEK293 (1), MCF-7 (2) and HL7702 (3) cell lysate.

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