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Datasheet for ABIN969010 anti-CCT2 antibody

5 Images

2 Publications



Overview

Quantity:	100 μL
Target:	CCT2
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human CCT2 expressed in E. coli.
Clone:	5B5C4
lsotype:	lgG1
Purification:	purified

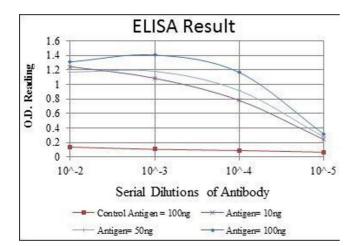
Target Details

Target:	CCT2
Alternative Name:	CCT2 (CCT2 Products)
Background:	Description: The protein encoded by this gene is a molecular chaperone that is a member of the
	chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This
	complex consists of two identical stacked rings, each containing eight different proteins.
	Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-
	dependent manner. The complex folds various proteins, including actin and tubulin. Two

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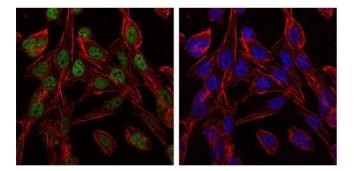
Target Details	
	transcript variants encoding different isoforms have been found for this gene. Aliases: CCTB, 99D8.1, PR01633, CCT-beta, MGC142074, MGC142076, TCP-1-beta
Malagular Waight:	
Molecular Weight:	54 kDa
Gene ID:	10576
HGNC:	10576
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000, 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:	Golledge, Biros, Clancy, Cooper, Palmer, Norman: "A single-nucleotide polymorphism in the
	gene encoding osteoprotegerin is associated with diastolic blood pressure in older men." in:
	American journal of hypertension, Vol. 22, Issue 11, pp. 1167-70, (2009) (PubMed).
	Talmud, Drenos, Shah, Shah, Palmen, Verzilli, Gaunt, Pallas, Lovering, Li, Casas, Sofat, Kumari,
	Rodriguez, Johnson, Newhouse, Dominiczak, Samani, Caulfield, Sever, Stanton, Shields,
	Padmanabhan et al.: "Gene-centric association signals for lipids and apolipoproteins identified
	via the HumanCVD BeadChip" in: American journal of human genetics , Vol. 85, Issue 5, pp. 628-42, (2009) (PubMed).

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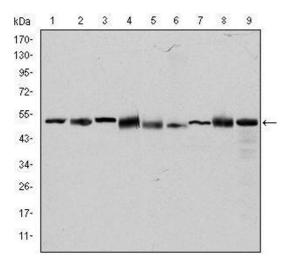
ELISA

Image 1. Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng),



Immunofluorescence

Image 2. Immunofluorescence analysis of 3T3-L1 cells using CCT2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western Blotting

Image 3. Western blot analysis using CCT2 mouse mAb against Hela (1), MCF-7 (2), Jurkat (3), T47D (4), K562 (5), A431 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.

Please check the product details page for more images. Overall 5 images are available for ABIN969010.

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