antibodies -online.com







anti-PPP1CB antibody (AA 174-327)



Images



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Quantity:	0.1 mg
Target:	PPP1CB
Binding Specificity:	AA 174-327
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPP1CB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human PPP1CB (AA: 174-327) expressed in E. coli.
Clone:	8A7C7
Isotype:	lgG1
Purification:	purified

Target Details

Target:	PPP1CB
Alternative Name:	PPP1CB (PPP1CB Products)
Background:	Description: The protein encoded by this gene is one of the three catalytic subunits of protein

phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be
involved in the regulation of a variety of cellular processes, such as cell division, glycogen
metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies
suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced
transcript variants encoding distinct isoforms have been observed
Aliases: PP1B, PP-1B, PPP1CD, PP1beta

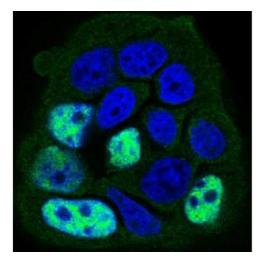
	Aliases: PP1B, PP-1B, PPP1CD, PP1beta
Molecular Weight:	37.2 kDa
Gene ID:	5500
HGNC:	5500
Pathways:	M Phase, Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Lipid Metabolism

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

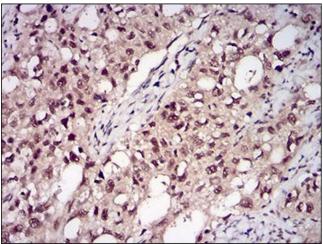
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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



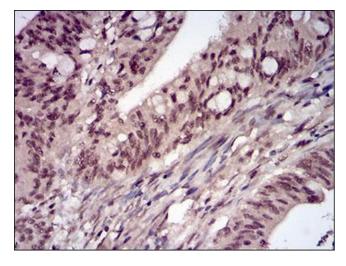
Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells using PPP1CB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffinembedded cervical cancer tissues using PPP1CB mouse mAb with DAB staining.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded rectum cancer tissues using PPP1CB mouse mAb with DAB staining.

Please check the product details page for more images. Overall 8 images are available for ABIN5542354.