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Datasheet for ABIN4909759
anti-FZR1 antibody

Overview

Quantity:	100 µL
Target:	FZR1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FZR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This FZR antibody is generated from a mouse immunized with a recombinant protein between 1-496 amino acids from human FZR.
Clone:	1C7
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	FZR1
Alternative Name:	FZR (FZR1 Products)
Background:	Synonyms: FZR, CDH1, FZR2, HCDH, HCDH1, CDC20C, Fizzy-related protein homolog, CDC20-

Target Details

like protein 1, Cdh1/Hct1 homolog, FZR1, FYR, KIAA1242

Background: Key regulator of ligase activity of the anaphase promoting complex/cyclosome (APC/C), which confers substrate specificity upon the complex. Associates with the APC/C in late mitosis, in replacement of CDC20, and activates the APC/C during anaphase and telophase. The APC/C remains active in degrading substrates to ensure that positive regulators of the cell cycle do not accumulate prematurely. At the G1/S transition FZR1 is phosphorylated, leading to its dissociation from the APC/C. Following DNA damage, it is required for the G2 DNA damage checkpoint: its dephosphorylation and reassociation with the APC/C leads to the ubiquitination of PLK1, preventing entry into mitosis.

Gene ID: 51343

UniProt: [Q9UM11](#)

Pathways: [DNA Replication](#), [Synthesis of DNA](#)

Application Details

Application Notes: WB 1:300-5000
IF()

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months