

Datasheet for ABIN6243204
anti-FZR1 antibody (AA 1-496)[Go to Product page](#)

1 Image

Overview

Quantity:	200 µL
Target:	FZR1
Binding Specificity:	AA 1-496
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FZR1 antibody is un-conjugated
Application:	Western Blotting (WB)

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:	1621CT637-76-67
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	FZR1
Alternative Name:	FZR (FZR1 Products)
Background:	Key regulator of ligase activity of the anaphase promoting complex/cyclosome (APC/C), which

Target Details

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.

Molecular Weight:	55179
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UniProt:	Q9UM11
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Pathways:	DNA Replication , Synthesis of DNA
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Application Details

Application Notes:	WB: 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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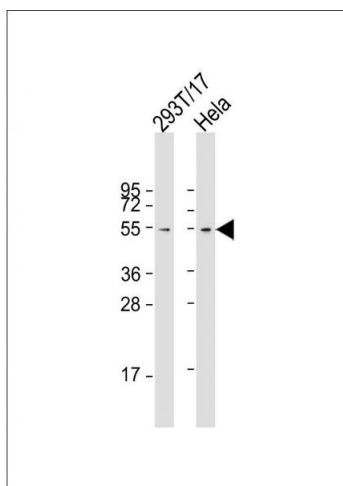
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Expiry Date:	6 months
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Western Blotting

Image 1. All lanes : Anti-FZR Antibody at 1:2000 dilution
Lane 1: 293T/17 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.