BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FZR Antibody

Catalog Number: M03219

About FZR1

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.

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Overview

Product Name	Anti-FZR Antibody
Reactive Species	Human
Description	Boster Bio Anti-FZR Antibody (Catalog # M03219). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 1621CT637.76.67
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q9UM11

Technical Details

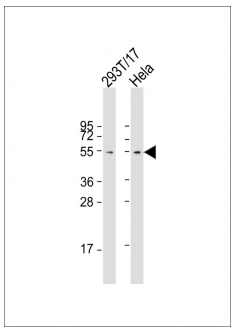
Immunogen	This FZR antibody is generated from a mouse immunized with a recombinant protein between1-496 amino acids from human FZR.
Predicted Reactive Species	Bovine
Isotype	IgG1,k

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Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:2000

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Anti-FZR Antibody (M03219) Images



All lanes : Anti-FZR Antibody at 1:2000 dilutionLane 1: 293T/17 whole cell lysateLane 2: Hela whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-FZR Antibody

For Research Use Only. Not for use in diagnostic procedures.