

## 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.

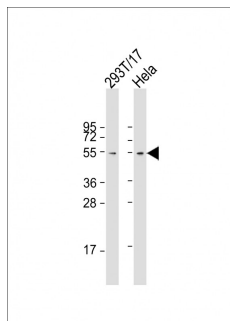
### Overview

|                      |  |
|----------------------|--|
| 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 between 1-496 amino acids from human FZR. |
| Predicted Reactive Species | Bovine   |
| Isotype                    | IgG1,k   |
| Purification               | This antibody is purified through a protein G column, followed by dialysis against PBS.                                    |
| Suggested Dilutions        | WB: 1:2000   |

## Anti-FZR Antibody (M03219) Images



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.

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### Anti-FZR Antibody

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