

## Product Datasheet

# Phospho-beta Catenin (Tyr333) Rabbit Polyclonal Antibody (orb155828)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb155828   |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | Phospho-beta Catenin (Tyr333) Rabbit Polyclonal Antibody  |
| <b>Target</b>               | CTNNB1  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Species/Host</b>         | Rabbit  |
| <b>Isotype</b>              | IgG   |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human, Mouse, Rat   |
| <b>Predicted Reactivity</b> | Bovine, Gallus, Porcine, Rabbit, Sheep  |
| <b>Form/Appearance</b>      | Liquid  |
| <b>Concentration</b>        | 1mg/ml  |
| <b>Buffer/Preservatives</b> | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.  |
| <b>Purification</b>         | Affinity purified by Protein A  |
| <b>Immunogen</b>            | KLH conjugated synthesised phosphopeptide derived from human beta Catenin around the phosphorylation site of Tyr333 YT(p-Y)EK |
| <b>UniProt ID</b>           | <b>P35222</b>   |

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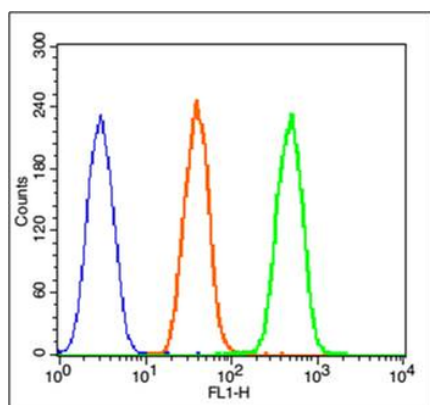
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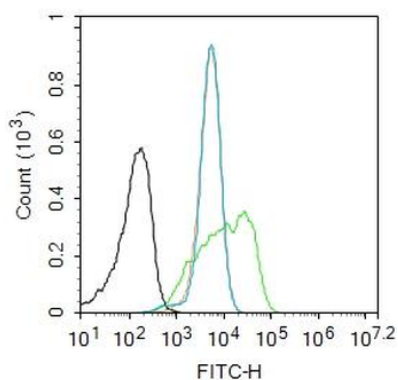
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|                            |   |
|----------------------------|---|
| <b>MW</b>                  | 86 kDa  |
| <b>Tested applications</b> | FC, IF, IHC-Fr, IHC-P, WB   |
| <b>Dilution range</b>      | WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test  |
| <b>Antibody Type</b>       | Primary Antibody  |
| <b>Storage</b>             | 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. |
| <b>Note</b>                | For research use only   |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |



Blank control (blue line): mouse brain (fixed with 2% paraformaldehyde for 10 min at room temperature, and then stained with Primary Antibody for 30 min at room temperature). Primary Antibody: Rabbit Anti-phospho-beta Catenin (Tyr333) antibody (orb155828), Dilution: 1 µg/10<sup>6</sup> cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FTIC, Dilution: 1 µg/Test.



Blank control: 293T. Primary Antibody (green line): Rabbit Anti-phospho-beta Catenin (Tyr333) antibody (orb155828), Dilution: 2 µg/10<sup>6</sup> cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, Dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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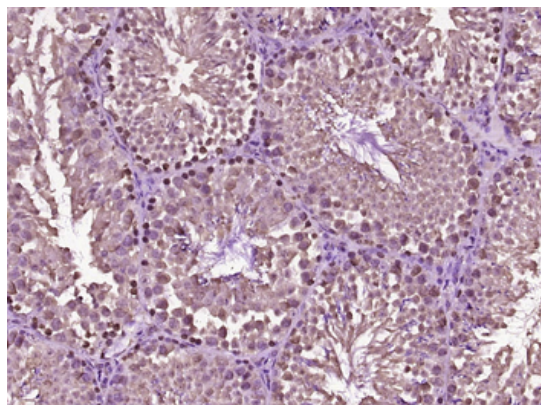
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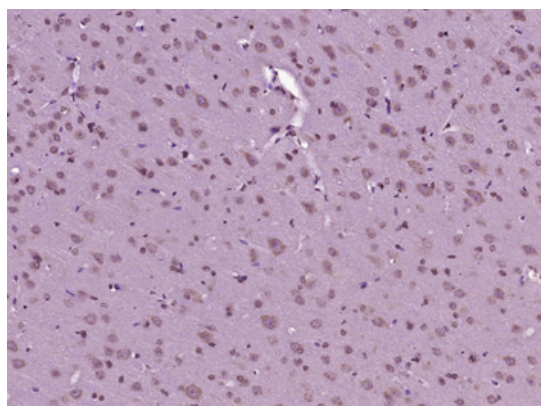
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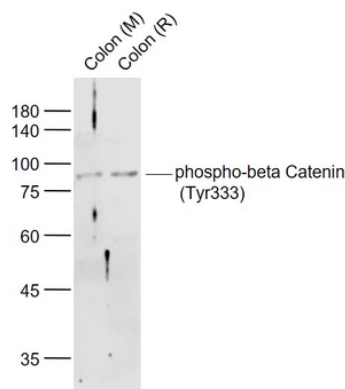
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Paraformaldehyde-fixed, paraffin embedded (Mouse testis), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (phospho-beta Catenin (Tyr333)) Polyclonal Antibody, Unconjugated (orb155828) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (phospho-beta Catenin (Tyr333)) Polyclonal Antibody, Unconjugated (orb155828) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Colon (Mouse) Lysate at 40 ug, Lane 2: Colon (Rat) Lysate at 40 ug, Primary: Anti-phospho-beta Catenin (Tyr333) (orb155828) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 92 kD, Observed band size: 92 kD.

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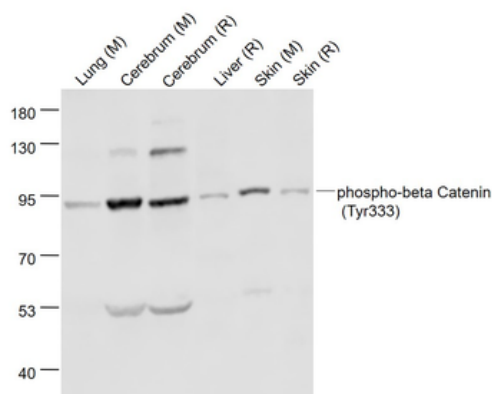
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Sample: Lane 1: Lung (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Mouse) Lysate at 40 ug Lane 3: Cerebrum (Rat) Lysate at 40 ug Lane 4: Liver (Rat) Lysate at 40 ug Lane 5: Skin (Mouse) Lysate at 40 ug Lane 6: Skin (Rat) Lysate at 40 ug  
Primary: Anti-phospho-beta Catenin (Tyr333) (orb155828) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 92 kD Observed band size: 92 kD.

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