

## CAB11512

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### Product Information

<b>Product SKU:</b> CAB11512	<b>Gene ID:</b> 1499	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b> 92kDa	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 85kDa	<b>Isotype:</b> IgG

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### Immunogen Information

<b>Background:</b>	The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.
<b>Recommended Dilution:</b>	WB,1:100 - 1:500 IHC-P,1:20 - 1:200 IP,0.5 $\mu$ g-4 $\mu$ g antibody for 200 $\mu$ g-400 $\mu$ g extracts of whole cells
<b>Synonyms:</b>	EVR7; CTNNB; MRD19; NEDSDV; armadillo; $\beta$ -Catenin
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 667-781 of human $\beta$ -Catenin (NP_001895.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

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