



# Mouse anti-Human PKP3 monoclonal antibody, clone 34F4/5 (CABT-B9504)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide from Armadillo domain of human Plakophilin-3.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	34F4/5
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, FC, IF, IHC, IM, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% sodium azide
<b>Storage</b>	-20°C

## BACKGROUND

**Introduction**

This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the cytoskeleton. This protein may act in cellular desmosome-dependent adhesion and signaling pathways. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014]

**Keywords**

PKP3; plakophilin 3; plakophilin-3; plakophilin 3b;

## GENE INFORMATION

**Entrez Gene ID**

[11187](#)

**UniProt ID**

[Q9Y446](#)