

Anti-APC2 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB10041-Fluoro488

About APC2

APC2, which is also called APCL, is a deduced 2,303-amino acid protein that contains an N-terminal coiled-coil domain, followed by an armadillo domain and five 20-amino acid repeats. The human APC2 gene is mapped to chromosome 19p13.3. It is found that the 20-amino acid repeat domain of APCL could bind beta-catenin (CTNNB1) and deplete the intracellular beta-catenin pool. A reporter gene assay revealed that APCL could regulate interaction of beta-catenin with T cell-specific transcription factors (TCF7), although less efficiently than APC.

Overview

Product Name	Anti-APC2 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O95996

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human APC2, different from the related mouse sequence by two amino acids.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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