APC Rabbit mAb

Catalog No: #48998

Package Size: #48998-1 50ul #48998-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

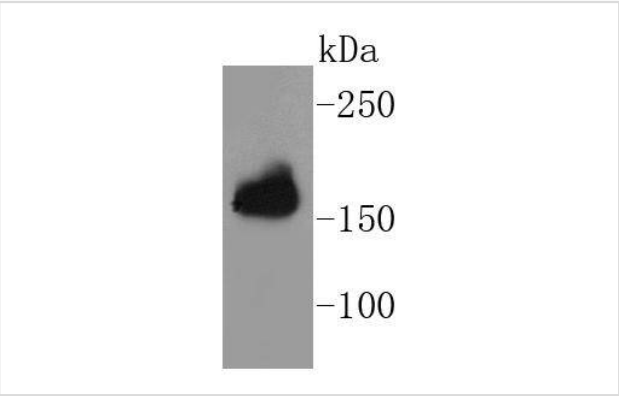
Description

Product Name	APC Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SC61-03
Purification	ProA affinity purified
Applications	WB, ICC, IP
Species Reactivity	Hu, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	Adenomatous Polyposis Coli antibody Adenomatous polyposis coli protein antibody Apc antibody APC_HUMAN antibody CC1 antibody Deleted in polyposis 2.5 antibody DP2 antibody DP2.5 antibody DP3 antibody FAP antibody FPC antibody GS antibody Protein APC antibody
Accession No.	Swiss-Prot#:P25054
Calculated MW	160 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

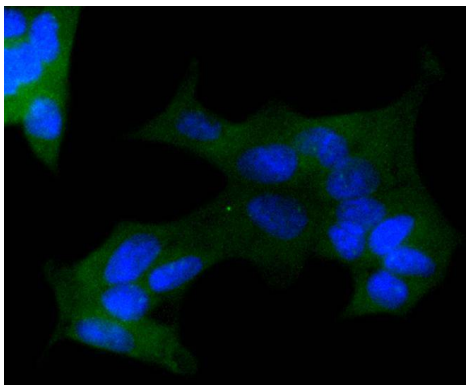
Application Details

WB: 1:1,000-5,000ICC: 1:50-1:200

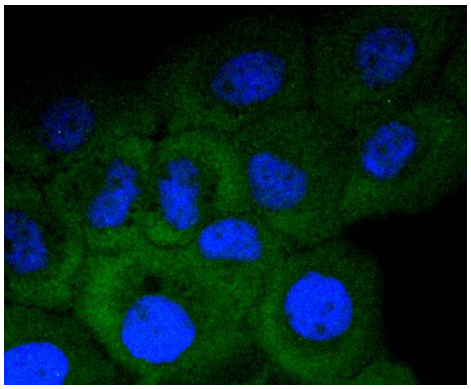
Images



Western blot analysis of APC on mouse brain lysates using anti-APC antibody at 1/1,000 dilution.



ICC staining APC in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining APC in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The adenomatous polyposis syndromes, familial adenomatous polyposis (FAP) and Gardners syndrome (GS), are characterized by numerous adenomatous polyps throughout the entire colon. These polyps invariably progress to colon cancer in addition to other extracolonic manifestations. The cloning of the APC gene revealed a ubiquitously expressed protein, 2,843 amino acids in length, which is frequently mutated in patients suffering from FAP and GS. APC has been found to be associated with structural components of intracellular junctions. β-catenin and γ-catenin (also called plakoglobin), are involved in the regulation of cellular adhesion. APC and E-cadherin compete for binding to specific internal regions of both β- and γ-catenin. Interactions between cytoskeleton and the APC, E-cadherin, β/γ catenin complex are mediated by α-catenin.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.