

For Research Use Only

APC Recombinant antibody, PBS Only

Catalog Number: 85372-1-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
85372-1-PBS	NM_000038	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	324	242726D4
Source:	UNIPROT ID:	
Rabbit	P25054	
Isotype:	Full Name:	
IgG	adenomatous polyposis coli	
	Calculated MW:	
	312 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA
Species Specificity:
human

Background Information

APC, also named as DP2.5, belongs to the adenomatous polyposis coli (APC) family. APC is a tumor suppressor that regulates cell division, helps ensure that the number of chromosomes in a cell is correct following cell division, and associates with other proteins involved in cell attachment and signaling. APC promotes rapid degradation of CTNNB1 and participates in Wnt signaling as a negative regulator. It plays a critical role in several cellular processes. APC regulates beta-catenin levels through Wnt-signaling and is involved in actin cytoskeletal integrity, cell-cell adhesion and cell migration. APC activity is correlated with its phosphorylation state. Defects in APC are a cause of familial adenomatous polyposis (FAP) which includes also Gardner syndrome (GS). Defects in APC are a cause of hereditary desmoid disease (HDD) which also known as familial infiltrative fibromatosis (FIF). Defects in APC are a cause of medulloblastoma (MDB) which is a malignant, invasive embryonal tumor of the cerebellum with a preferential manifestation in children. Defects in APC are a cause of mismatch repair cancer syndrome (MMRCS) which also known as Turcot syndrome or brain tumor-polyposis syndrome 1 (BTSPS1).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

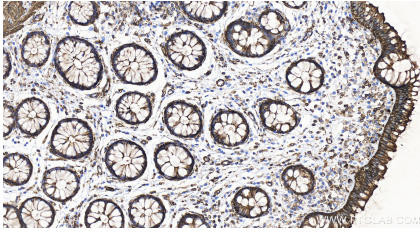
T: 4006900926

E: Proteintech-CN@ptglab.com

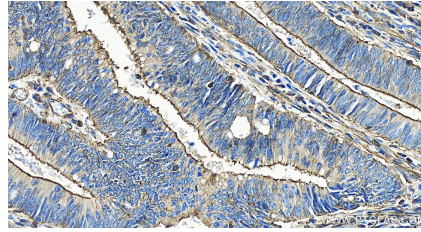
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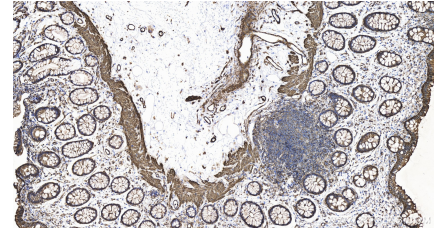
Selected Validation Data



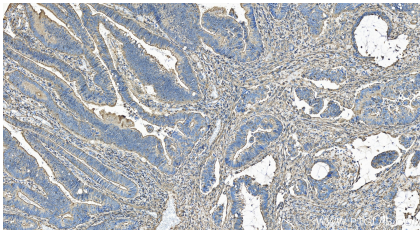
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 85372-1-RR (APC antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85372-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 85372-1-RR (APC antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85372-1-PBS in a different storage buffer formulation.



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