

APC RABBIT MAB

Cat.#: N263222

Product Name: Anti-APC Rabbit Monoclonal Antibody

Synonyms: APC; DP2.5; Adenomatous polyposis coli protein; Protein APC; Deleted in polyposis 2.5

UNIPROT ID: P25054

Background: Tumor suppressor. Promotes rapid degradation of CTNNB1 and participates in Wnt signaling as a negative regulator. APC activity is correlated with its phosphorylation state. Activates the GEF activity of SPATA13 and ARHGEF4. Plays a role in hepatocyte growth factor (HGF)-induced cell migration. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Acts as a mediator of ERBB2-dependent stabilization of microtubules at the cell cortex.

Immunogen: A synthetic peptide of human APC

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-2E4

MW: Calculated MW: 312 kDa; Observed MW: 160 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

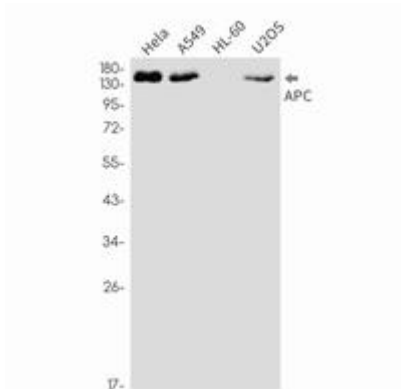
Conjugation: Unconjugated

Modification: Unmodified

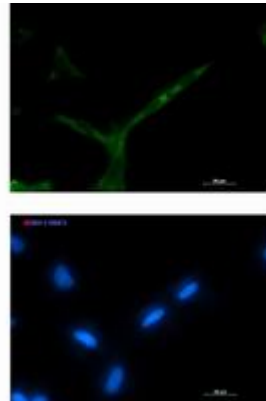
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of APC in HeLa, A549, HL-60, U2OS lysates using APC antibody.



Immunocytochemistry analysis of APC (green) in LNcap using APC antibody, and DAPI (blue).