# Anti-APC antibody

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| **Cat. No.** | ml263546 |
| **Package** | 25 µl/100 µl/200 µl |
| **Storage** | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol |

**Product overview**

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| **Description** | Anti-APC rabbit polyclonal antibody |
| **Applications** | ELISA, IHC |
| **Immunogen** | Synthetic peptide of human APC |
| **Reactivity** | Human, Mouse, Rat |
| **Content** | 0.3 mg/ml |
| **Host species** | Rabbit |
| **Ig class** | Immunogen-specific rabbit IgG |
| **Purification** | Antigen affinity purification |

**Target information**

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|---|---|
| **Symbol** | APC |
| **Full name** | WNT signaling pathway regulator |
| **Synonyms** | GS; DP2; DP3; BTPS2; DP2.5; PPP1R46 |
| **Swissprot** | P25054 |

**Target Background**

This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product.
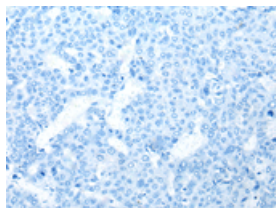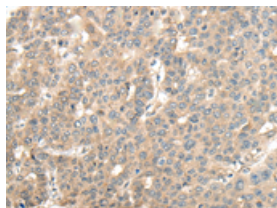
**Applications**

**Immunohistochemistry**

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human liver cancer

Recommended dilution: 25-100

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human esophagus cancer
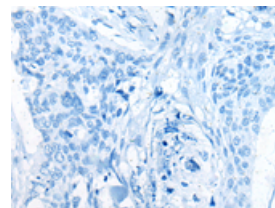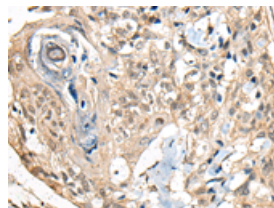
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml263546(APC Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml263546(APC Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

**ELISA**

Recommended dilution: 5000-10000

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