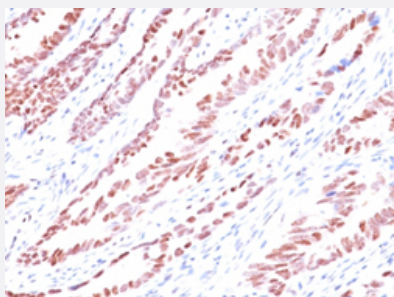


CDKN1C monoclonal antibody, clone KP10

Catalog # MAB13248 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with CDKN1C monoclonal antibody, clone KP10 (Cat # MAB13248).

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant human CDKN1C.

Immunogen Recombinant protein corresponding to full length human CDKN1C.

Host Mouse

Theoretical MW (kDa) 57

Reactivity Human

Specificity This monoclonal antibody shows no cross-reaction with CDKN1B.

Form Liquid

Purification Protein A/G purification

Isotype IgG2b, kappa

Recommend Usage
 Flow Cytometry (0.5-1 ug/10⁶ cells in 0.1 mL)
 Immunofluorescence (0.5-1 ug/mL)
 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.25-0.5 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer

In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.

Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with CDKN1C monoclonal antibody, clone KP10 (Cat # MAB13248).

- Immunofluorescence

- Flow Cytometry

Gene Info — CDKN1C

Entrez GeneID[1028](#)**Protein Accession#**[P49918](#)**Gene Name**

CDKN1C

Gene Alias

BWCR, BWS, KIP2, WBS, p57

Gene Description

cyclin-dependent kinase inhibitor 1C (p57, Kip2)

Omim ID[130650 600856](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000011736|cyclin-dependent kinase inhibitor 1C

Pathway

- [Cell cycle](#)

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)