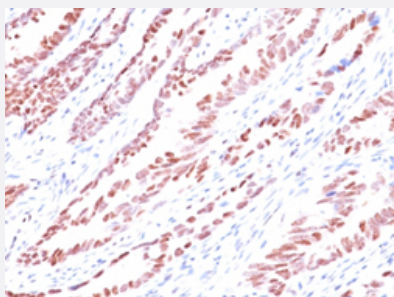


CDKN1C monoclonal antibody, clone KP10

Catalog # MAB13247 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 # MAB13247).

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 (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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 # MAB13247).

- 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](#)