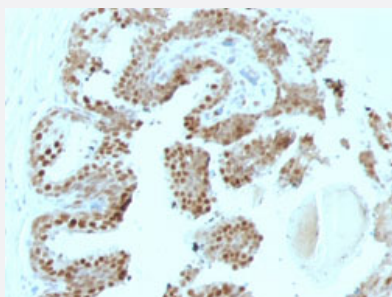


CDKN1C monoclonal antibody, clone SPM308

Catalog # MAB13041 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma using CDKN1C monoclonal antibody, clone SPM308 (Cat # MAB13041).

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 antibody shows no cross-reaction with p27Kip1.
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/million 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 prostate carcinoma using CDKN1C monoclonal antibody, clone SPM308 (Cat # MAB13041).

- 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](#)