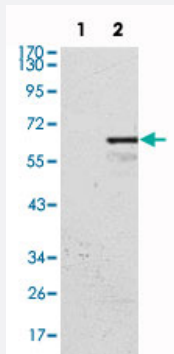


CDKN1C monoclonal antibody, clone 3E3

Catalog # MAB10550 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis using CDKN1C monoclonal antibody, clone 3E3 (Cat # MAB10550) against HEK293 (1) and CDKN1C-hlgGfc transfected HEK293 (2) cell lysate.

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant CDKN1C.

Immunogen Recombinant protein corresponding to human CDKN1C.

Host Mouse

Theoretical MW (kDa) 57

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage ELISA (1:10000)
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% sodium azide)

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis using CDKN1C monoclonal antibody, clone 3E3 (Cat # MAB10550) against HEK293 (1) and CDKN1C-hlgGFc transfected HEK293 (2) cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CDKN1C

Entrez GeneID [1028](#)

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](#)