

小鼠抗 CCND2 单克隆抗体

中文名称： 小鼠抗 CCND2 单克隆抗体

英文名称： Anti-CCND2 mouse monoclonal antibody

别名： cyclin D2; MPPH3; KIAK0002

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： CCND2

反应种属： Human

标记物： Unconjugate

克隆类型： Mouse Monoclonal

技术规格

Background:

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with CDK4 or CDK6 and functions as a regulatory subunit of the complex, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. Knockout studies of the homologous gene in mouse suggest the essential roles of this gene in ovarian granulosa and germ cell proliferation.

	High level expression of this gene was observed in ovarian and testicular tumors. Mutations in this gene are associated with megalencephaly-polymicrogyria-polydactyly-hydrocephalus syndrome 3 (MPPH3).
Applications:	WB
Name of antibody:	CCND2
Immunogen:	Fusion protein of human CCND2
Full name:	cyclin D2
Synonyms:	MPPH3; KIAK0002
SwissProt:	P30279
WB Predicted band size:	33 kDa
WB Positive control:	CHO-K1 cell and CHO-K1 cell transfected by Cyclin D2-fragment EGFP fusion protein lysates
WB Recommended dilution:	1000-5000

