

Product datasheet for **TA328044**

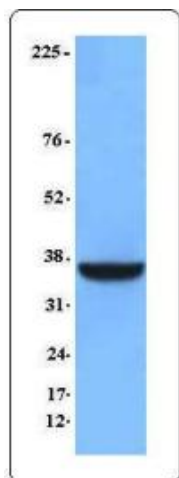
CDK2 Mouse Monoclonal Antibody [Clone ID: AN4.3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AN4.3
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	CDK2 recombinant protein
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cyclin-dependent kinase 2
Database Link:	NP_439892 Entrez Gene 12566 Mouse Entrez Gene 1017 Human P24941
Background:	CDK2 is a cell cycle protein closely related to CDC2(CDK1) that has proved useful as a marker of proliferation. CDK2 binds cyclin type A and E proteins and controls progression into S-phase. This clone AN4.3 does not recognize other CDKs.
Synonyms:	CDKN2; p33(CDK2)
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Cell cycle, Oocyte meiosis, p53 signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer, Small cell lung cancer



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Product images:

HeLa cell extract was resolved by electrophoresis, transferred to nitrocellulose and probed with purified anti-Cdk2 antibody. Proteins were visualized using a HRP goat anti-mouse secondary antibody conjugate and a chemiluminescence system.