

Product datasheet for **AM20605PU-N**

CDK6 Mouse Monoclonal Antibody [Clone ID: IML-6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IML-6
Applications:	IF, WB
Recommended Dilution:	Western Blot: 0.1 - 0.5 µg/ml. Immunocytochemistry: 1 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human Cdk6 protein.
Specificity:	This antibody reacts to CDK6.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Purified by the goat anti-mouse IgG affinity chromatography.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cyclin-dependent kinase 6
Database Link:	Entrez Gene 12571 Mouse Entrez Gene 114483 Rat Entrez Gene 1021 Human Q00534



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Background:	The cyclin-dependent protein kinases (CDKs) regulate major cell cycle transitions in eukaryotic cells. Cyclin-dependent kinase-6 (CDK6) is the earliest inducible member of the CDK family in human T lymphocytes, involved in growth factor stimulation and cell cycle progression. germline mutations in CDK6 do not make a significant contribution to melanoma predisposition. CDK6 gene is mapped at 7q21-q22.
Synonyms:	PLSTIRE
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Cell cycle, Chronic myeloid leukemia, Glioma, Melanoma, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Pathways in cancer, Small cell lung cancer