

## Product datasheet for **AM31156PU-N**

### CDK6 Mouse Monoclonal Antibody [Clone ID: 8H4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	8H4
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunofluorescence:</b> 10 µg/ml. <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot.</b>
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CDK6 (NP_001250, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to CDK6.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	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:	<a href="#">Entrez Gene 114483 Rat</a> <a href="#">Entrez Gene 1021 Human Q00534</a>
Synonyms:	PLSTIRE

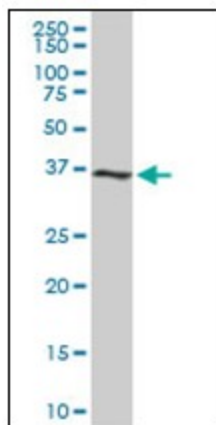


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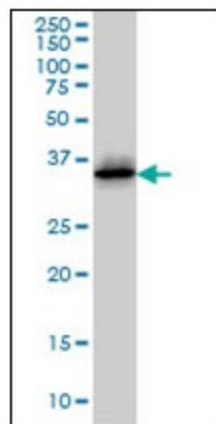
**Protein Families:** Druggable Genome, Protein Kinase

**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

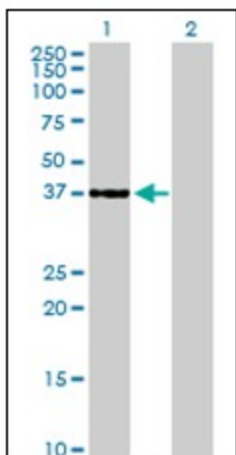
**Product images:**



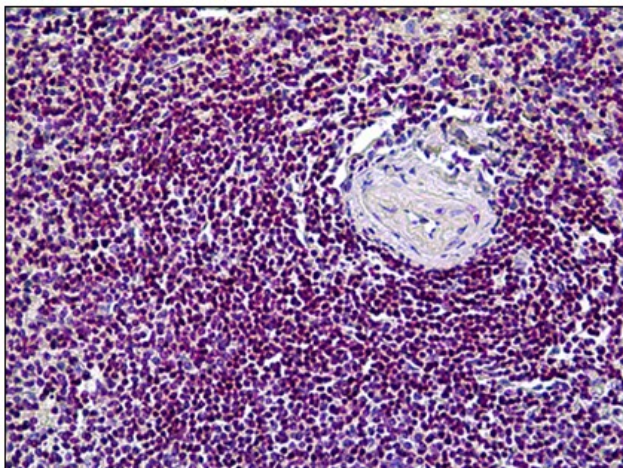
CDK6 monoclonal antibody, clone 8H4. Western Blot analysis of CDK6 expression in PC-12.



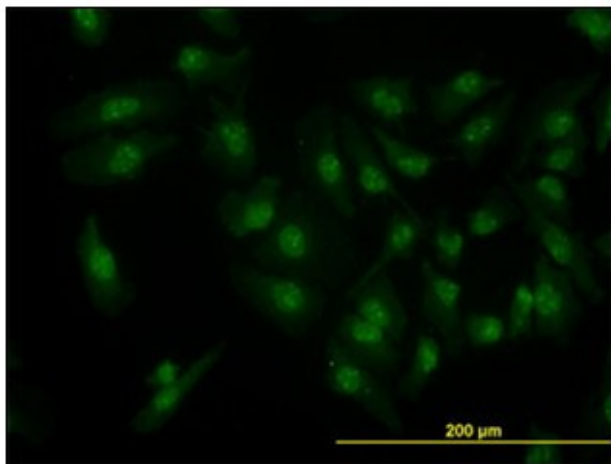
CDK6 monoclonal antibody, clone 8H4 Western Blot analysis of CDK6 expression in Jurkat.



Western Blot analysis of CDK6 expression in transfected 293T cell line by CDK6 monoclonal antibody, clone 8H4.



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to CDK6 on HeLa cell. [antibody concentration 10 ug/ml]