



[Go to Product page](#)

Datasheet for ABIN560298
anti-CDK6 antibody (AA 3-99)

8 Images

2 Publications

Overview

Quantity:	100 µg
Target:	CDK6
Binding Specificity:	AA 3-99
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDK6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CDK6.
Immunogen:	CDK6 (NP_001250, 3 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KDGLCRADQQ YECVAEIGEG AYGKVFKARD LKNGGRFVAL KRVRVQTGEE GMPLSTIREV AVLRHLETFE HPNVVRLFDV CTVSRTDRET KLTLVFE
Clone:	8H4
Isotype:	IgG1
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CDK6
Alternative Name:	CDK6 (CDK6 Products)
Background:	Full Gene Name: cyclin-dependent kinase 6 Synonyms: MGC59692,PLSTIRE,STQTL11
Gene ID:	1021
NCBI Accession:	NM_001259
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

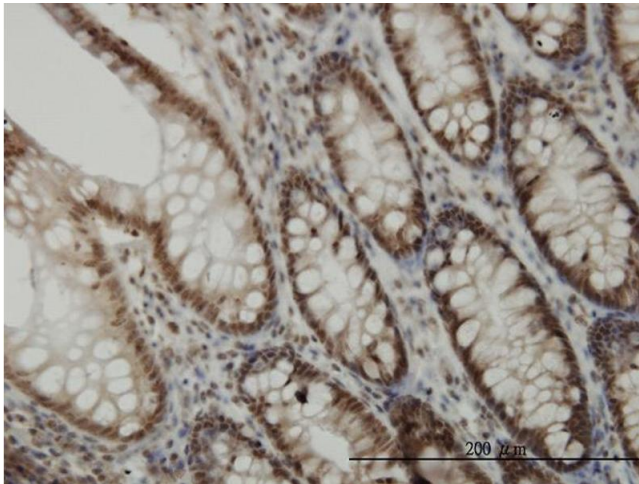
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

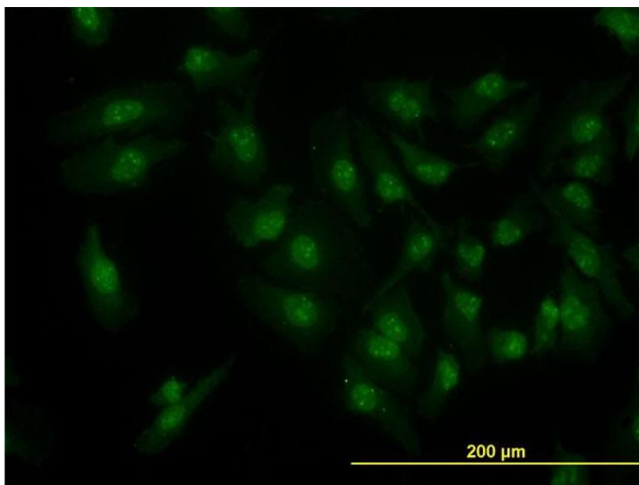
Publications

Product cited in:	<p>Erdmann, Kaulke, Rieger, Salomo, Wirth, Fuessel: "MiR-26a and miR-138 block the G1/S transition by targeting the cell cycle regulating network in prostate cancer cells." in: Journal of cancer research and clinical oncology, Vol. 142, Issue 11, pp. 2249-61, (2016) (PubMed).</p> <p>Quinn, Glassford, Percy, Munson, Marafioti, Rodriguez-Justo, Yong: "APRIL promotes cell-cycle progression in primary multiple myeloma cells: influence of D-type cyclin group and translocation status." in: Blood, Vol. 117, Issue 3, pp. 890-901, (2011) (PubMed).</p>
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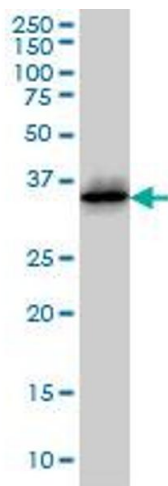
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to CDK6 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to CDK6 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. CDK6 monoclonal antibody (M01), clone 8H4 Western Blot analysis of CDK6 expression in Jurkat .

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN560298.