

Cyclin D1 Polyclonal Antibody

Product Details	
Size	500 µL
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide from C-terminus of human cyclin D1
Form	Liquid
Concentration	0.2 mg/mL
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10976899

Applications	Tested Dilution	Publications
Western Blot (WB)	1:25	7 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-

Product Specific Information

PA5-16777 targets Cyclin D1/Bcl-1 in IHC (P), IP, and WB applications and shows reactivity with Human, mouse, and Rat samples.

The PA5-16777 immunogen is a synthetic peptide from C-terminus of human cyclin D1.

Western Blot (7)

<p>Molecular cell</p> <p>Regulation of PTEN translation by PI3K signaling maintains pathway homeostasis.</p> <p>"PA5-16777 was used in Western Blot to conclude that pathway output is hyperactivated in tumor cells with coexistent PI3K mutation and loss of PTEN function."</p> <p>Authors: Mukherjee R,Vanaja KG,Boyer JA,Gadal S,Solomon H,Chandrarapaty S,Levchenko A,Rosen N</p>	<p>Year 2021</p> <p>Species Human</p>
<p>Oncology letters</p> <p>Downregulation of ROS1 enhances the therapeutic efficacy of arsenic trioxide in acute myeloid leukemia cell lines.</p> <p>"PA5-16777 was used in Western Blotting to investigate the function of ROS proto-oncogene 1 receptor tyrosine kinase in regulating the migration and proliferation of acute myeloid leukaemia cells through Wnt/-catenin signalling, and in arsenic trioxide treatment."</p> <p>Authors: Li J</p>	<p>Year 2018</p> <p>Species Human</p> <p>Dilution 1:200</p>

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Immunohistochemistry (2)

<p>Neuroscience letters</p> <p>Smoothed controls cyclin D2 expression and regulates the generation of intermediate progenitors in the developing cortex.</p> <p>"PA5-16777 was used in immunohistochemistry to study the modulation of cyclin D2 expression by Smoothed and its role in the generation of neocortical intermediate progenitors"</p> <p>Authors: Komada M,Iguchi T,Takeda T,Ishibashi M,Sato M</p>	<p>Year 2013</p> <p>Species Mouse</p>
<p>FASEB journal : official publication of the Federation of American Societies for Experimental Biology</p> <p>Epithelial progesterone receptor exhibits pleiotropic roles in uterine development and function.</p> <p>"PA5-16777 was used in immunohistochemistry to study the roles of the epithelial progesterone receptor in the development and function of the murine uterus"</p> <p>Authors: Franco HL,Rubel CA,Large MJ,Wetendorf M,Fernandez-Valdivia R,Jeong JW,Spencer TE,Behringer RR,Lydon JP,Demayo FJ</p>	<p>Year 2012</p> <p>Species Mouse</p> <p>Dilution 1:500</p>

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