

	<h1>PIN1 Mouse mAb</h1>	E 2 6 2 0 5 0 4
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<b>Swiss-Prot No.:</b>	Q13526
<b>Altername:</b>	PIN1
<b>Storage/Stability:</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Immunogen:</b>	Purified His-tagged PIN1 protein was used to produced this monoclonal antibody.
<b>Purification:</b>	Protein G
<b>Reactivity:</b>	Human,Mouse
<b>Other Names:</b>	DOD; UBL5
<b>Cellular localization:</b>	Cytoplasm, Nucleus
<b>Relevance:</b>	Essential PPlase that regulates mitosis presumably by interacting with NIMA and attenuating its mitosis-promoting activity. Displays a preference for an acidic residue N-terminal to the isomerized proline bond. Catalyzes pSer/Thr-Pro cis/trans isomerizations. Down-regulates kinase activity of BTK. Can transactivate multiple oncogenes and induce centrosome amplification, chromosome instability and cell transformation. Required for the efficient dephosphorylation and recycling of RAF1 after mitogen activation. Binds and targets PML and BCL6 for degradation in a phosphorylation-

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	dependent manner.
<b>Source:</b>	Mouse
<b>Antibody type:</b>	Monoclonal antibody
<b>Molecular Weight:</b>	H=18;M=18;Rat=18 KDa
<b>Preservative:</b>	PBS with 0.09% (W/V) sodium azide, pH7.3.
<b>Recommended Dilutions:</b>	FC:1:25;WB:1:2000;IHC:1:25;IHC-P:1:25