

Cyclin D1 Monoclonal Antibody (CD1.1)

Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Published Species	Mouse, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	CD1.1
Conjugate	Unconjugated
Immunogen	Purified cyclin D1 protein
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	15mM sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_11154450

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunohistochemistry (Frozen) (IHC (F))	2 µg/mL	-
Immunocytochemistry (ICC/IF)	1 µg/mL	-
Flow Cytometry (Flow)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	1 µg/mL	-
in situ PLA (PLA)	-	1 Publication

Product Specific Information

Cyclin D1 is a ubiquitously expressed 33 kDa protein that migrates as a 36 kDa band under reducing SDS-PAGE conditions.

Flow cytometry: Intracellular staining, membrane permeabilization is required.

Western Blot (1)

<p>PloS one</p> <p>DYRK1A inhibitors leucettines and TGF- inhibitor additively stimulate insulin production in beta cells, organoids, and isolated mouse islets.</p> <p>"MA1-10324 was used in Western Blotting to show that leucettines, known to be DYRK1A kinase inhibitors, can improve glucose-stimulated insulin secretion (GSIS) in rodent -cells and isolated islets, as well as in hiPSC-derived - cells islets."</p> <p>Authors: Pucelik B,Barzowska A,Czarna A</p>	<p>Year 2023</p> <p>Species Mouse</p>
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Immunohistochemistry (1)

<p>Cell death and differentiation</p> <p>Notch signaling in response to excitotoxicity induces neurodegeneration via erroneous cell cycle reentry.</p> <p>"MA1-10324 was used in immunohistochemistry to study the role of Notch-dependent erroneous cell cycle reentry in neurodegeneration"</p> <p>Authors: Marathe S,Liu S,Brai E,Kaczarowski M,Alberi L</p>	<p>Year 2015</p> <p>Species Mouse</p> <p>Dilution 1:250</p>
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in situ PLA (1)

<p>Archives of toxicology</p> <p>"Metalloestrogenic" effects of cadmium downstream of G protein-coupled estrogen receptor and mitogen-activated protein kinase pathways in human uterine fibroid cells.</p> <p>"MA1-10324 was used in Functional assays to provide a molecular mechanism of how Cd acts as an "estrogen mimic" resulting in mitosis in hormonally responsive cells."</p> <p>Authors: Yu L,Liu J,Yan Y,Burwell A,Castro L,Shi M,Dixon D</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 1:100</p>
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