

Cyclin D1 antibody [N1C3]

Cat. No. GTX108624

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP, ELISA, Sandwich ELISA
Reactivity	Human, Rat, Cat, Dog

Reference (31)

★★★★★ Review (3)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
IP	1:100-1:500
ELISA	1:1000-1:10000
Sandwich ELISA	Assay dependent

Note : Capture : GTX634347, Detection: GTX108624

Not tested in other applications.

Calculated MW	34 kDa. (Note)
Product Note	IP/MS validation was supported by references (PMID:30377392)

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length human Cyclin D1 Recombinant protein.
Purification	Purified by antigen-affinity chromatography.



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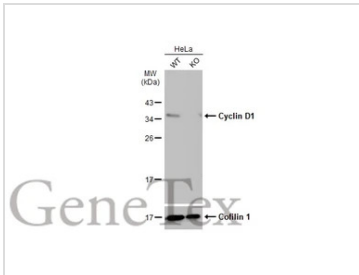
Conjugation

Unconjugated

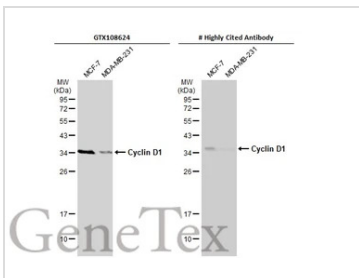
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

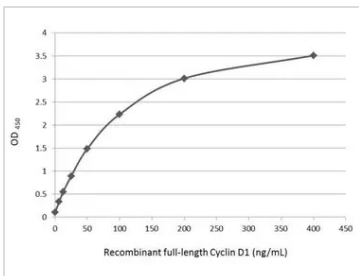
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DATA IMAGES

GTX108624 WB Image

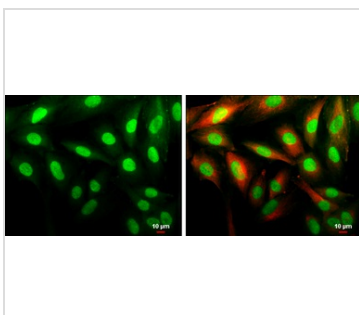
Wild-type (WT) and Cyclin D1 knockout (KO) HeLa cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Cyclin D1 antibody [N1C3] (GTX108624) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX108624 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Cyclin D1 antibody [N1C3] (GTX108624) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX108624 ELISA Image

Sandwich ELISA detection of recombinant full-length Cyclin D1 protein using GTX634347 as capture antibody at concentration of 5 µg/mL and GTX108624 as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.


GTX108624 ICC/IF Image

Cyclin D1 antibody [N1C3] detects Cyclin D1 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Cyclin D1 protein stained by Cyclin D1 antibody [N1C3] (GTX108624) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, a cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Scale bar = 10 µm.



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