Phospho CDK1 (Y15) Recombinant Monoclonal Antibody [BLR101H]

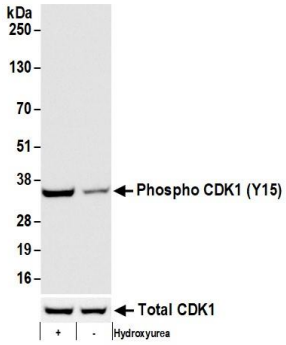
Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_001777.1
Catalog No.	A700-101-T	Uniprot ID	P06493
Lot No.	1	GeneID	983

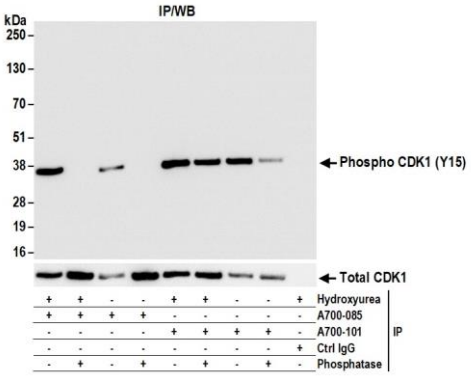
APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	20 µl (2 blots)
CONCENTRATION	40 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR101H
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide surrounding phosphorylated tyrosine 15 of human cyclin dependent kinase 1 using the numbering given in entry NP_001777.1 (Gene ID 983).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1000 Immunoprecipitation 20 µl/mg lysate
APPLICATION NOTES	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight. Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P). Western blots of immunoprecipitates are performed using an anti-Rabbit IgG Light Chain HRP-conjugated antibody with 5% Normal Pig Serum (S100-020) added to the blocking buffer.
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: March 20, 2026

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Detection of human Phospho CDK1 (Y15) by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa cells treated (+) with Hydroxyurea or mock treated (–) prepared using NETN lysis buffer. *Antibody:* Rabbit anti-Phospho CDK1 (Y15) recombinant monoclonal antibody [BLR101H] (A700-101 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 10 seconds. Lower panel shows WB for total CDK1 using rabbit anti-CDK1 recombinant monoclonal [BLR085G] (A700-085).



Detection of human Phospho CDK1 (Y15) by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells treated with Hydroxyurea (+) or mock treated (–). *Antibodies:* Rabbit anti-Phospho CDK1 (Y15) recombinant monoclonal antibody [BLR101H] (A700-101 lot 1) used for IP at 20 µl/mg lysate. Total CDK1 was immunoprecipitated by Rabbit anti-CDK1 recombinant monoclonal antibody (BLR085G) (A700-085). Immunoprecipitates where treated with phosphatase (+) or mock treated (–). For blotting immunoprecipitated Phospho CDK1 (Y15), A700-101 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 10 seconds. Lower panel shows WB for total CDK1 using rabbit anti-CDK1 recombinant monoclonal [BLR085G] (A700-085).

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