Phospho CDK1 (Y15) Recombinant Monoclonal Antibody [BLR101H]

Protein ID

Rabbit Recombinant Monoclonal

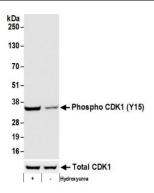
Purified

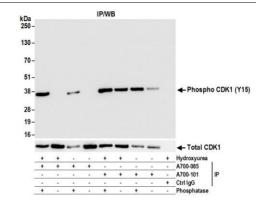
BETHYL LABORATORIES, INC

Catalog No.	A700-	101 Ge	enelD	983	BEIHYL
Lot No.	A700-	101-1			LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl (10 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.			
TROCEDORES		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	1:1,	,000	
		Immunoprecipitati	ion 20 j	µl/1 mg lysate	
ADDITIONAL INFO		https://www.bethyl.com/product/A700-101			
		Use the link above to view SDS, a current list of citations, and other product specific information.			

NP_001777.1

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.Eric McIntush, PhD | Chief Scientific OfficerDate: January 24, 2020





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). 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 μ l/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. 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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