

Product Datasheet

Cdk9 Antibody (2D7) - Azide and BSA Free H00001025-M07

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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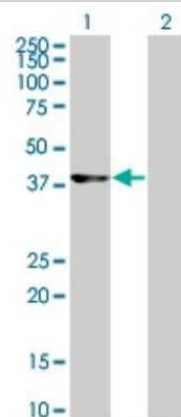
H00001025-M07

Cdk9 Antibody (2D7) - Azide and BSA Free

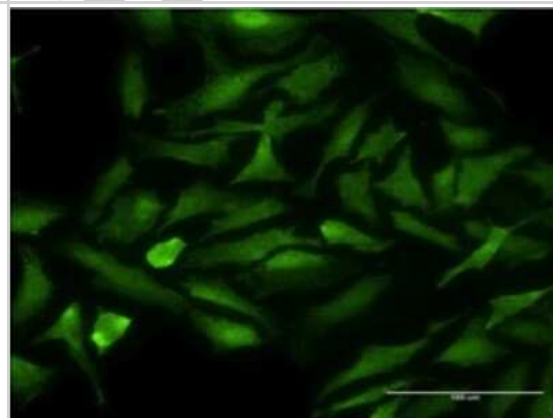
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1025
Gene Symbol	CDK9
Species	Human, Drosophila
Reactivity Notes	Drosophila reactivity reported in scientific literature (PMID: 28754981).
Specificity/Sensitivity	CDK9 - cyclin-dependent kinase 9 (CDC2-related kinase) (2D7)
Immunogen	CDK9 (AAH01968, 271 a.a. ~ 372 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QKRKVKDRLKAYVRDPYALDLIDKLLVLDPAQRIDSDDALNHDFFWSDPMPSDL KGMLSTHLTSMFEYLAPPRRKGSQITQQSTNQSRNPATTNQTEFERVF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA. Use in immunoprecipitation reported in scientific literature (PMID 28754981).

Images

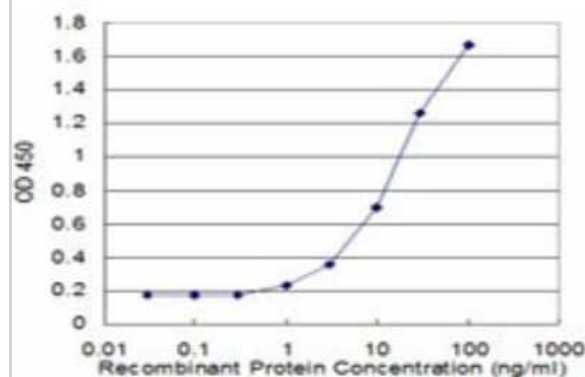
Western Blot: Cdk9 Antibody (2D7) [H00001025-M07] - Analysis of CDK9 expression in transfected 293T cell line by CDK9 monoclonal antibody (M07), clone 2D7. Lane 1: CDK9 transfected lysate (42.778 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: Cdk9 Antibody (2D7) [H00001025-M07] - Analysis of monoclonal antibody to CDK9 on HeLa cell. Antibody concentration 10 ug/ml



ELISA: Cdk9 Antibody (2D7) [H00001025-M07] - Detection limit for recombinant GST tagged CDK9 is approximately 1ng/ml as a capture antibody.



Publications

Yang Y, Lu H, Chen C et al. HIF-1 Interacts with TRIM28 and DNA-PK to release paused RNA polymerase II and activate target gene transcription in response to hypoxia Nature communications 2022-01-14 [PMID: 35031618] (WB, IP)

Foo LC. Cyclin-dependent kinase 9 is required for the survival of adult Drosophila melanogaster glia Sci Rep 2017-07-28 [PMID: 28754981] (IP, Drosophila)



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Products Related to H00001025-M07

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-86808PEP	Cdk9 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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