

Product Datasheet

Cyclophilin-E Antibody (2F5) - Azide and BSA Free H00010450-M02

Unit Size: 0.1 mg

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

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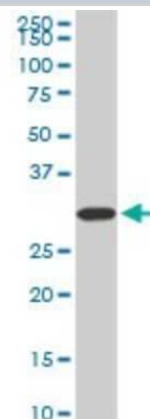
H00010450-M02**Cyclophilin-E Antibody (2F5) - Azide and BSA Free**

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	2F5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse Cyclophilin-E Antibody (2F5) - Azide and BSA Free (H00010450-M02) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Cyclophilin-E Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10450
Gene Symbol	PPIE
Species	Human, Mouse, Rat
Specificity/Sensitivity	PPIE - peptidylprolyl isomerase E (cyclophilin E)
Immunogen	PPIE (NP_006103, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ATTKRVLVVGGLAEEVDDKVLHAAFIPFGDITDIQIPLDYETEKHRGFVFEFELA EDAAAAIDNMNESELFGRITRVNLAKPMRIKEGSSRPVWSDDD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against cell lysate, transfected lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

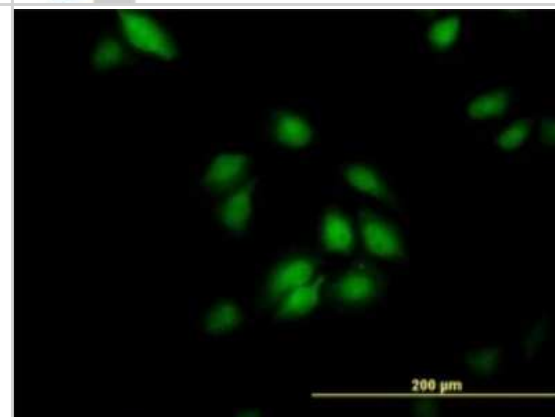


Images

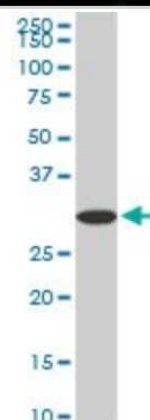
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in NIH/3T3.



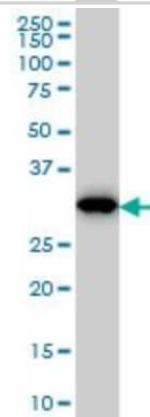
Immunocytochemistry/Immunofluorescence: Cyclophilin-E Antibody (2F5) [H00010450-M02] - Analysis of monoclonal antibody to PPIE on HeLa cell. Antibody concentration 10 ug/ml.



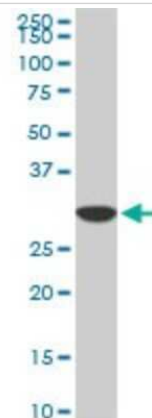
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in PC-12.



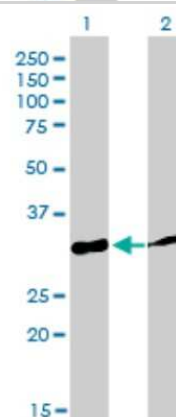
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in Hela S3 NE.



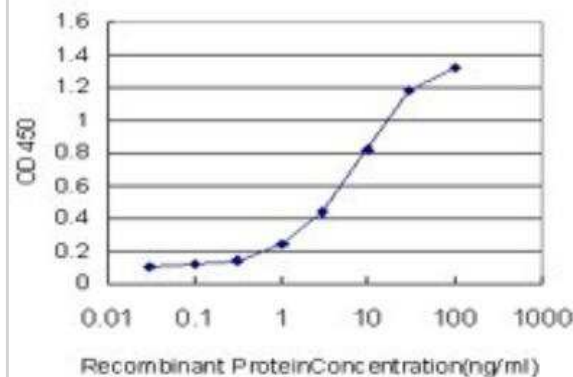
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in Raw 264.7.



Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - Analysis of PPIE expression in transfected 293T cell line by PPIE monoclonal antibody (M02), clone 2F5. Lane 1: PPIE transfected lysate (33.4 kDa). Lane 2: Non-transfected lysate.



ELISA: Cyclophilin-E Antibody (2F5) [H00010450-M02] - Detection limit for recombinant GST tagged PPIE is approximately 0.1 ng/ml as a capture antibody.



Publications

Acosta J, Li Q, Freeburg NF et al. p53 restoration in small cell lung cancer identifies a latent cyclophilin-dependent necrosis mechanism Nature communications 2023-07-21 [PMID: 37479684]



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Products Related to H00010450-M02

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)
NBC1-18531	Recombinant Human Cyclophilin-E His Protein

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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