

# 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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### Publications: 1

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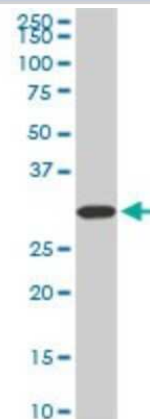


**H00010450-M02****Cyclophilin-E Antibody (2F5) - Azide and BSA Free**

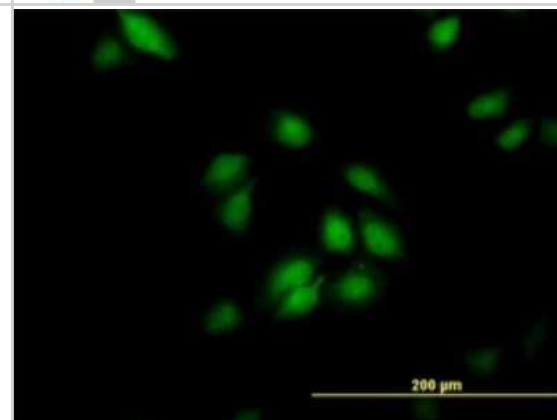
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2F5
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	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.
<b>Host</b>	Mouse
<b>Gene ID</b>	10450
<b>Gene Symbol</b>	PPIE
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	PPIE - peptidylprolyl isomerase E (cyclophilin E)
<b>Immunogen</b>	PPIE (NP_006103, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ATTKRVLYVGGLAEEVDDKVLHAAFIPFGDITDIQIPLDYETEKHRGFVFEFELA EDAAAAIDNMNESELFGRITIRVNLAKPMRIKEGSSRPVWSSDD
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Antibody reactive against cell lysate, transfected lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

**Images**

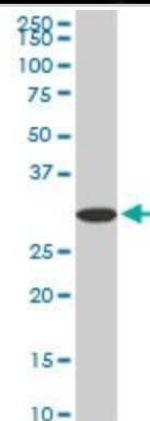
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in NIH/3T3.



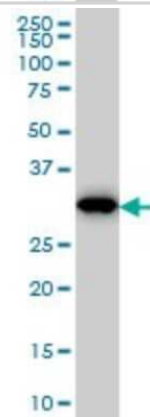
Immunocytochemistry/Immunofluorescence: Cyclophilin-E Antibody (2F5) [H00010450-M02] - Analysis of monoclonal antibody to PPIE on HeLa cell. Antibody concentration 10 ug/ml.



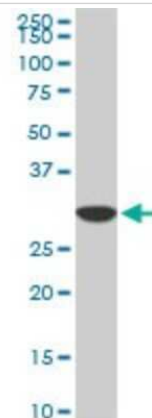
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in PC-12.



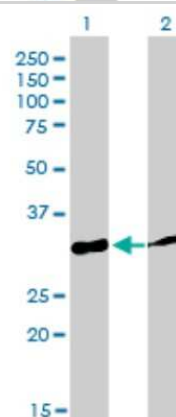
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in Hela S3 NE.



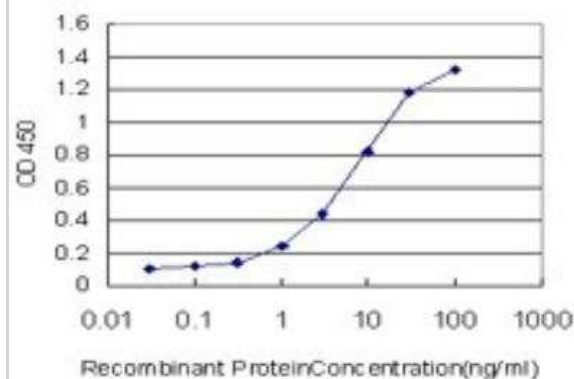
Western Blot: Cyclophilin-E Antibody (2F5) [H00010450-M02] - PPIE monoclonal antibody (M02), clone 2F5. Analysis of PPIE expression in Raw 264.7.



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 0.1ng/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**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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### **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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