

Product Datasheet

MPG Antibody (1E10) - Azide and BSA Free H00004350-M04

Unit Size: 0.1 mg

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

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H00004350-M04

MPG Antibody (1E10) - Azide and BSA Free

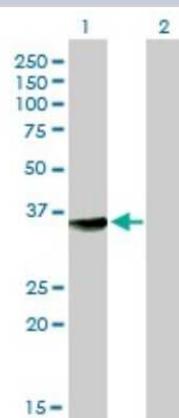
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4350
Gene Symbol	MPG
Species	Human
Specificity/Sensitivity	MPG (1E10)
Immunogen	MPG (AAH14991, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPARSGAQFCRRMGQKKQRPARAGQPHSSSDAAQAPAEQPHSSSDAAQAP CPRERCLGPPTTPGPYRSIYFSSPKGHLTRLGLEFFDQPA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

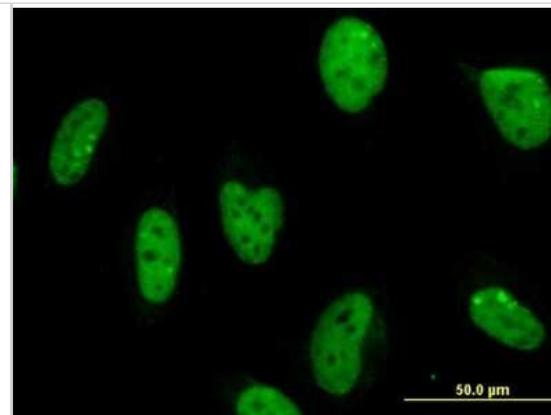
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

Images

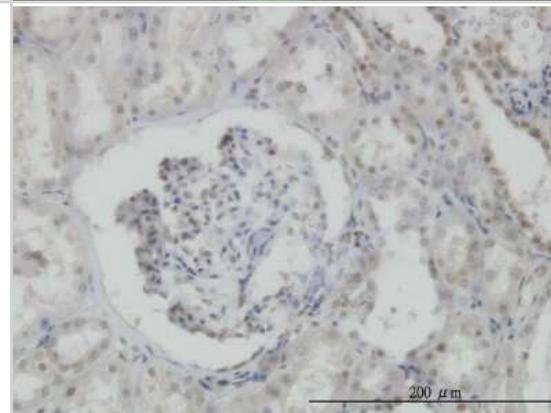
Western Blot: MPG Antibody (1E10) [H00004350-M04] - Analysis of MPG expression in transfected 293T cell line by MPG monoclonal antibody (M04), clone 1E10. Lane 1: MPG transfected lysate (32.2 KDa). Lane 2: Non-transfected lysate.



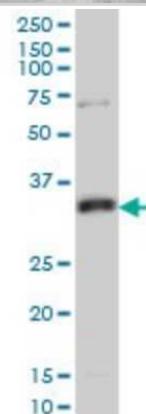
Immunocytochemistry/Immunofluorescence: MPG Antibody (1E10) [H00004350-M04] - Analysis of monoclonal antibody to MPG on HeLa cell. Antibody concentration 40 ug/ml



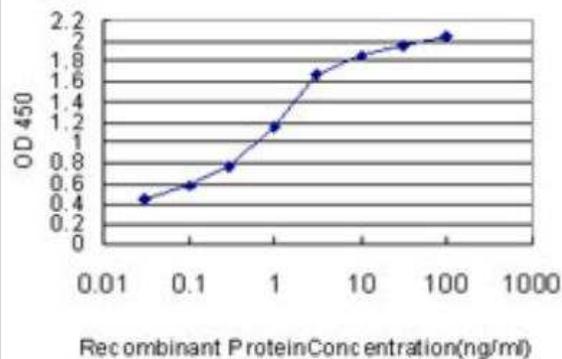
Immunohistochemistry-Paraffin: MPG Antibody (1E10) [H00004350-M04] - Analysis of monoclonal antibody to MPG on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml



Western Blot: MPG Antibody (1E10) [H00004350-M04] - Analysis of MPG expression in Hela S3 NE (Cat # L013V3).



ELISA: MPG Antibody (1E10) [H00004350-M04] - Detection limit for recombinant GST tagged MPG is approximately 0.03ng/ml as a capture antibody.



Publications

Jang S, Kumar N, Schaich MA et al. Cooperative interaction between AAG and UV-DDB in the removal of modified bases Nucleic acids research 2022-12-13 [PMID: 36511855] (ICC/IF, Human)

Details:

Dilution used in ICC 1:100

Chou WC, Wang HC, Wong FH et al. Chk2-dependent phosphorylation of XRCC1 in the DNA damage response promotes base excision repair. EMBO J. 2008-12-03 [PMID: 18971944]





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Products Related to H00004350-M04

NB800-PC9	HeLa Nuclear Cell Lysate
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)

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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