

MPG Antibody (monoclonal) (M04)**Mouse monoclonal antibody raised against a partial recombinant MPG.****Catalog # AT2887a****Specification**

MPG Antibody (monoclonal) (M04) - Product Information

Application	IF, WB, IHC, E
Primary Accession	P29372
Other Accession	BC014991
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	32869

MPG Antibody (monoclonal) (M04) - Additional Information**Gene ID** 4350**Other Names**

DNA-3-methyladenine glycosylase, 3-alkyladenine DNA glycosylase, 3-methyladenine DNA glycosidase, ADPG, N-methylpurine-DNA glycosylase, MPG, AAG, ANPG, MID1

Target/Specificity

MPG (AAH14991, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

MPG Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

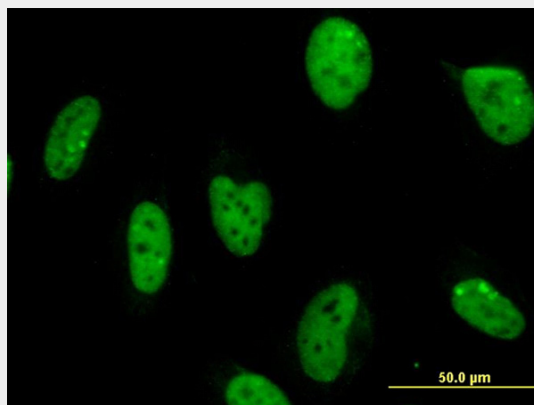
MPG Antibody (monoclonal) (M04) - Protocols

Provided below are standard protocols that you may find useful for product applications.

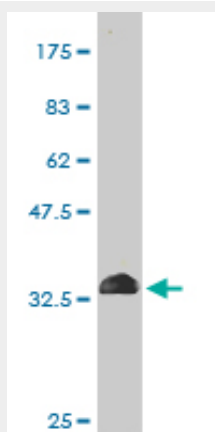
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

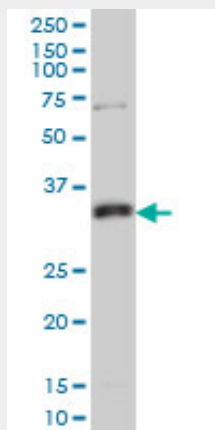
MPG Antibody (monoclonal) (M04) - Images



Immunofluorescence of monoclonal antibody to MPG on HeLa cell. [antibody concentration 40 ug/ml]

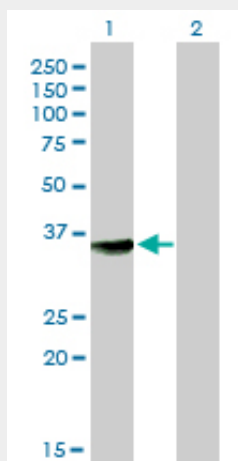


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .



MPG monoclonal antibody (M04), clone 1E10 Western Blot analysis of MPG expression in HeLa S3

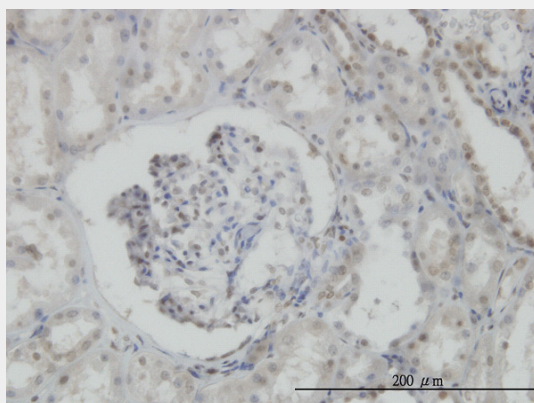
NE ((Cat # AT2887a)



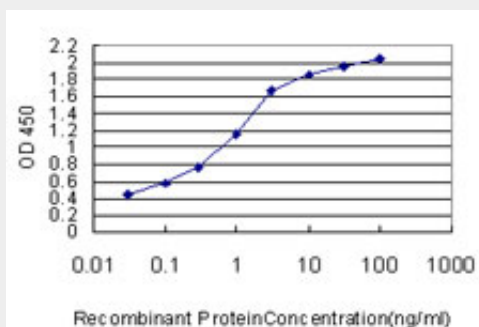
Western Blot analysis of MPG expression in transfected 293T cell line by MPG monoclonal antibody (M04), clone 1E10.

Lane 1: MPG transfected lysate(32.2 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to MPG on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged MPG is approximately 0.03ng/ml as a capture antibody.

MPG Antibody (monoclonal) (M04) - References

1.Chk2-dependent phosphorylation of XRCC1 in the DNA damage response promotes base excision repair.Chou WC, Wang HC, Wong FH, Ding SL, Wu PE, Shieh SY, Shen CY.EMBO J. 2008 Dec

3;27(23):3140-50. Epub 2008 Oct 30.