

MPG Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant MPG. Catalog # AT2887a

Product Information

Application WB, IHC, IF, E **Primary Accession** P29372 Other Accession BC014991 Reactivity Human Host mouse Clonality monoclonal Isotype IgG2a Kappa **Clone Names** 1E11 Calculated MW 32869

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 IHC~~1:100~500 IF~~1:50~200 E~~N/A

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.

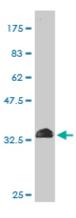
Precautions MPG Antibody (monoclonal) (M04) is for research use only and not for use in

diagnostic or therapeutic procedures.

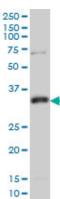
References

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.

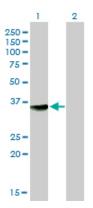
Images



Blot detection against Immunogen (35.53 KDa).

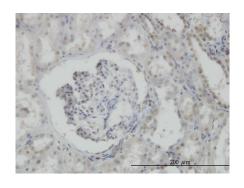


MPG monoclonal antibody (M04), clone 1E10 Western Blot analysis of MPG expression in Hela S3 NE ((Cat # AT2887a)

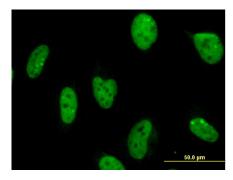


Western Blot analysis of MPG expression in transfected 293T cell line by MPG monoclonal antibody (M04), clone 1E10.

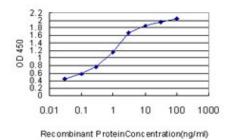
Lane 1: MPG transfected lysate(32.2 KDa). Lane 2: Non-transfected lysate.



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.