

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

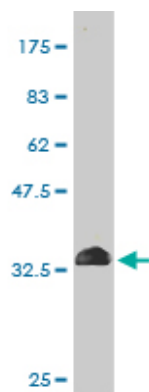
Gene ID	4350
Other Names	DNA-3-methyladenine glycosylase, 3-alkyladenine DNA glycosylase, 3-methyladenine DNA glycosidase, ADPG, N-methylpurine-DNA glycosylase, MPG, AAG, ANPG, MID1
Target/Specificity	MPG (AAH14991, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 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

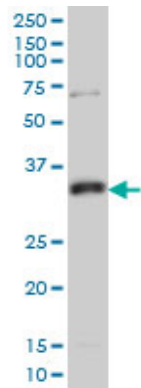
1.Chk2-dependent phosphorylation of XRCC1 in the DNA damage response promotes base excision repair.Chou WC, Wang HC, Wong FH, Ding SL, Wu PE, Shieh SY, Shen CY.EMBO J. 2008 Dec 3;27(23):3140-50. Epub 2008 Oct 30.

Images

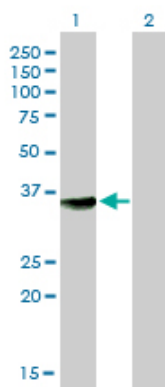
Antibody Reactive Against Recombinant Protein.Western



Blot detection against Immunogen (35.53 KDa) .



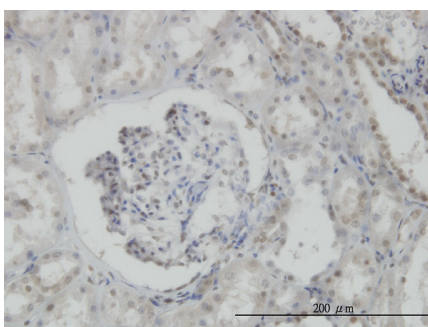
MPG monoclonal antibody (M04), clone 1E10 Western Blot analysis of MPG expression in HeLa S3 NE ((Cat # AT2887a)



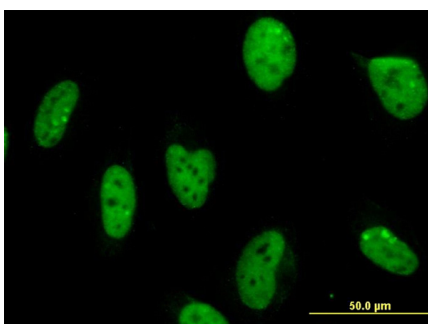
Western Blot analysis of MPG expression in transfected 293T cell line by MPG monoclonal antibody (M04), clone 1E10.

Lane 1: MPG transfected lysate(32.2 KDa).

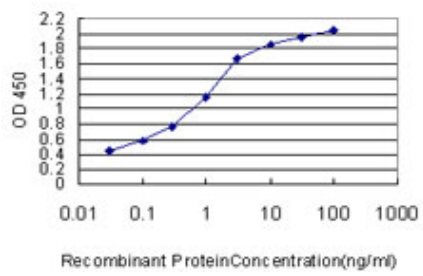
Lane 2: Non-transfected lysate.



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



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'.