10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MPG Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant MPG.
Catalog # AT2889a

Specification

MPG Antibody (monoclonal) (M08) - Product Information

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

MPG Antibody (monoclonal) (M08) - 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) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

MPG Antibody (monoclonal) (M08) - Protocols

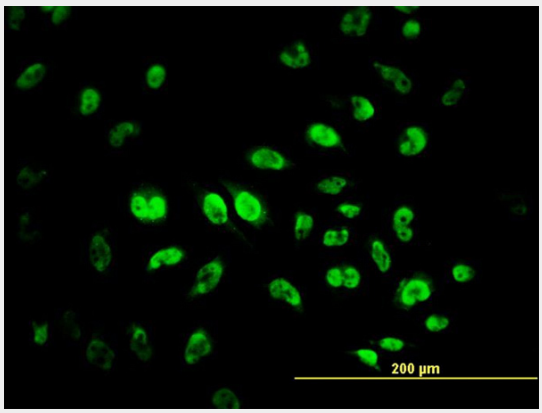
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

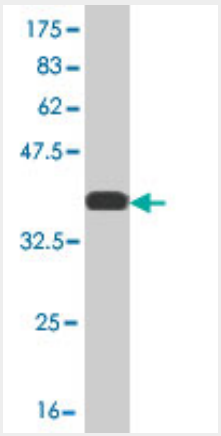
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

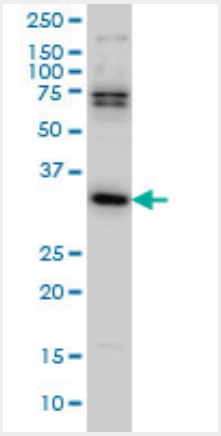
MPG Antibody (monoclonal) (M08) - Images



Immunofluorescence of monoclonal antibody to MPG on HeLa cell. [antibody concentration 10 ug/ml]



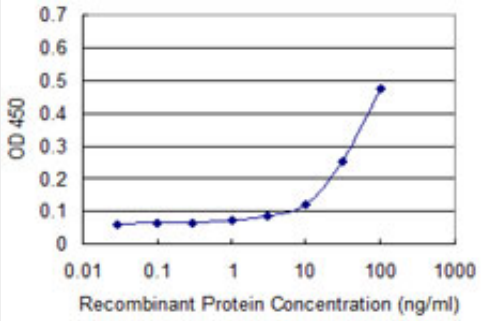
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .



MPG monoclonal antibody (M08), clone 4B12 Western Blot analysis of MPG expression in Hela S3

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Detection limit for recombinant GST tagged MPG is approximately 10ng/ml as a capture antibody.

MPG Antibody (monoclonal) (M08) - References

Polymorphisms in the base excision repair pathway and graft-versus-host disease. Arora M, et al. Leukemia, 2010 Aug. PMID 20574454.Variation within DNA repair pathway genes and risk of multiple sclerosis. Briggs FB, et al. Am J Epidemiol, 2010 Jul 15. PMID 20522537.Frameshift mutagenesis and microsatellite instability induced by human alkyladenine DNA glycosylase. Klapacz J, et al. Mol Cell, 2010 Mar 26. PMID 20347426.Association between genetic variants in the base excision repair pathway and outcomes after hematopoietic cell transplantations. Thyagarajan B, et al. Biol Blood Marrow Transplant, 2010 Aug. PMID 20226869.Hopping enables a DNA repair glycosylase to search both strands and bypass a bound protein. Hedglin M, et al. ACS Chem Biol, 2010 Apr 16. PMID 20201599.