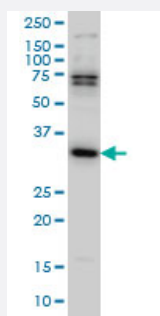


MPG monoclonal antibody (M08), clone 4B12

Catalog # H00004350-M08

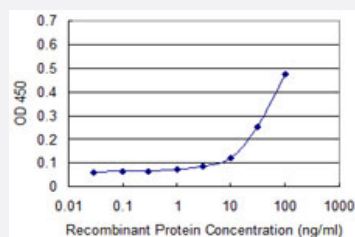
Size 100 ug

Applications



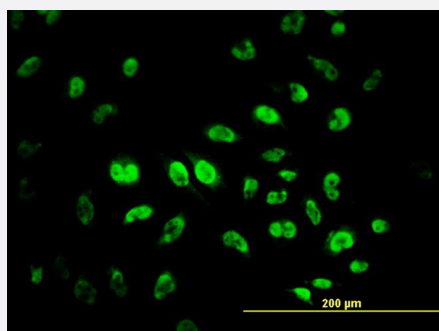
Western Blot (Cell lysate)

MPG monoclonal antibody (M08), clone 4B12 Western Blot analysis of MPG expression in HeLa S3 NE (Cat # L013V3).



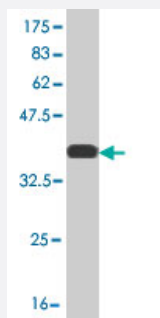
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MPG.
Immunogen	MPG (AAH14991, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPARSGAQFCRRMGQKKQRPARAGQPHSSSDAAQAPAEQPHSSSDAAQAPCPRERCLGPPT TPGPYRSIYFSSPKGHLTRLGLEFFDQPA
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

MPG monoclonal antibody (M08), clone 4B12 Western Blot analysis of MPG expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA
- Immunofluorescence

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

Gene Info — MPG

Entrez GeneID	4350
GeneBank Accession#	BC014991
Protein Accession#	AAH14991
Gene Name	MPG
Gene Alias	AAG, APNG, CRA36.1, MDG, Mid1, PIG11, PIG16, anpg
Gene Description	N-methylpurine-DNA glycosylase
Omim ID	156565
Gene Ontology	Hyperlink
Gene Summary	localized 68 kb upstream the humanzeta globin gene on 16p CRA36.1 (3-methyl-adenine DNA glycosylase) N-methylpurine-DNA glycosylase
Other Designations	3' end of the Mid1 gene, localized 68 kb upstream the humanzeta globin gene on 16p CRA36.1 (3-methyl-adenine DNA glycosylase) N-methylpurine-DNA glycosylase, MPG alkyladenine DNA glycosylase proliferation-inducing protein 11 proliferation-inducing protein

Pathway

- [Base excision repair](#)

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)