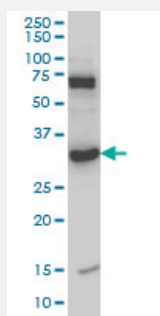


MPG monoclonal antibody (M07), clone 2C5

Catalog # H00004350-M07

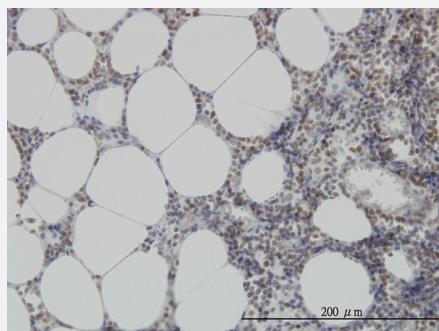
Size 100 ug

Applications



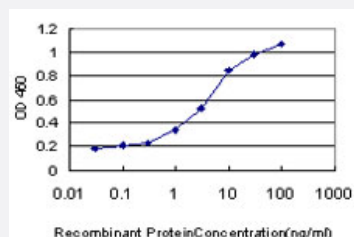
Western Blot (Cell lysate)

MPG monoclonal antibody (M07), clone 2C5 Western Blot analysis of MPG expression in HeLa S3 NE (Cat # L013V3).



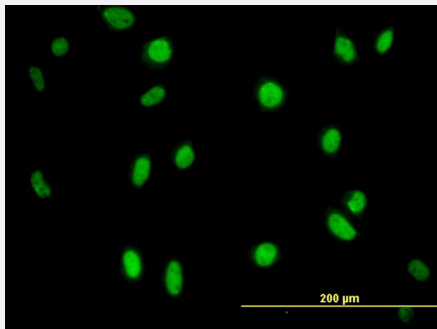
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



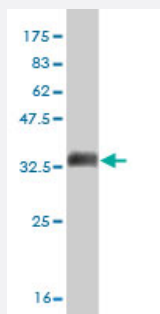
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MPG is approximately 0.1 ng/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	MPARSGAQFCRRMGQKKQRPARGQPHSSSDAAQAPAEQPHSSSDAAQAPCPRERCLGPPT 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 (M07), clone 2C5 Western Blot analysis of MPG expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MPG is approximately 0.1ng/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](#)