



# 3MG Monoclonal Antibody

<b>Catalog No</b>	BYmab-05527
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	MPG AAG ANPG MID1
<b>Protein Name</b>	DNA-3-methyladenine glycosylase (EC 3.2.2.21) (3-alkyladenine DNA glycosylase) (3-methyladenine DNA glycosidase) (ADPG) (N-methylpurine-DNA glycosylase)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	3MG Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	32kD
<b>Cell Pathway</b>	Cytoplasm . Mitochondrion matrix, mitochondrion nucleoid . Nucleus .
<b>Tissue Specificity</b>	Epithelium,Liver,Pancreas,
<b>Function</b>	alternative products:Experimental confirmation may be lacking for some isoforms,catalytic activity:Hydrolysis of alkylated DNA, releasing 3-methyladenine, 3-methylguanine, 7-methylguanine and 7-methyladenine.,function:Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.,similarity:Belongs to the DNA glycosylase MPG family.,subunit:Binds MBD1.,
<b>Background</b>	alternative products:Experimental confirmation may be lacking for some isoforms,catalytic activity:Hydrolysis of alkylated DNA, releasing 3-methyladenine, 3-methylguanine, 7-methylguanine and 7-methyladenine.,function:Hydrolysis of

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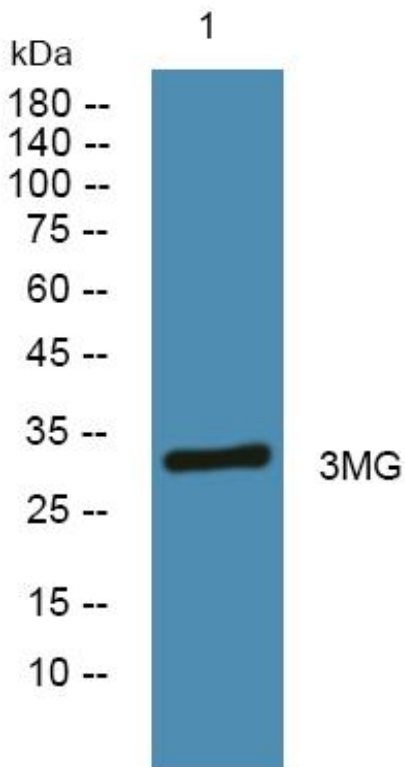
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using 3MG Monoclonal Antibody