



# REV1 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06675
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	REV1 REV1L
<b>Protein Name</b>	DNA repair protein REV1 (EC 2.7.7.-) (Alpha integrin-binding protein 80) (AIBP80) (Rev1-like terminal deoxycytidyl transferase)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	REV1 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 1:500-1:2000
<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>	137kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Ubiquitous.
<b>Function</b>	domain:The C-terminal domain is necessary for protein interactions.,function:Deoxycytidyl transferase involved in DNA repair. Transfers a dCMP residue from dCTP to the 3'-end of a DNA primer in a template-dependent reaction. May assist in the first step in the bypass of abasic lesions by the insertion of a nucleotide opposite the lesion. Required for normal induction of mutations by physical and chemical agents.,similarity:Belongs to the DNA polymerase type-Y family.,similarity:Contains 1 BRCT domain.,similarity:Contains 1 umuC domain.,subunit:Monomer. Binds MAD2L2, POLH, POLI, POLK and REV3L. May bind ITGA3.,tissue specificity:Ubiquitous.,
<b>Background</b>	This gene encodes a protein with similarity to the S. cerevisiae mutagenesis protein Rev1. The Rev1 proteins contain a BRCT domain, which is important in protein-protein interactions. A suggested role for the human Rev1-like protein is as a scaffold that recruits DNA polymerases involved in translesion synthesis (TLS) of damaged DNA. [provided by RefSeq, Mar 2016],

**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**