

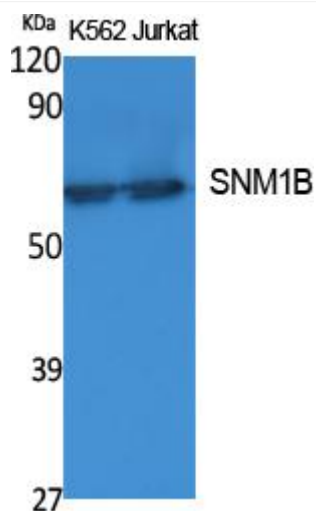


# SNM1B Monoclonal Antibody

Catalog No	YP-mAb-02219
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DCLRE1B
Protein Name	5' exonuclease Apollo
Immunogen	Synthesized peptide derived from the C-terminal region of human SNM1B.
Specificity	SNM1B Monoclonal Antibody detects endogenous levels of SNM1B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DCLRE1B; SNM1B; 5' exonuclease Apollo; DNA cross-link repair 1B protein; SNM1 homolog B; SNMIB; hSNM1B
Observed Band	60kD
Cell Pathway	Chromosome, telomere. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Mainly localizes to telomeres, recruited via its interaction with TERF2. During mitosis, localizes to the centrosome.
Tissue Specificity	Placenta,Retinoblastoma,Teratocarcinoma,
Function	function:May be required for DNA interstrand cross-link repair.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the DNA repair metallo-beta-lactamase (DRMBL) family.,subcellular location:Localizes to discrete foci.,
Background	DNA interstrand cross-links prevent strand separation, thereby physically blocking transcription, replication, and segregation of DNA. DCLRE1B is one of several evolutionarily conserved genes involved in repair of interstrand cross-links (Dronkert et al., 2000 [PubMed 10848582]).[supplied by OMIM, Mar 2008],
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 SNM1B Monoclonal Antibody