

## LIG1 RABBIT MAB

**Cat.#:** N263403

**Product Name:** Anti-LIG1 Rabbit Monoclonal Antibody

**Synonyms:** LIG1; DNA ligase 1; DNA ligase I; Polydeoxyribonucleotide synthase [ATP] 1

**UNIPROT ID:** P18858

**Background:** DNA ligase that seals nicks in double-stranded DNA during DNA replication, DNA recombination and DNA repair.

**Immunogen:** A synthetic peptide of human LIG1

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R02-5A2

**MW:** Calculated MW: 102 kDa; Observed MW: 102 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Rat

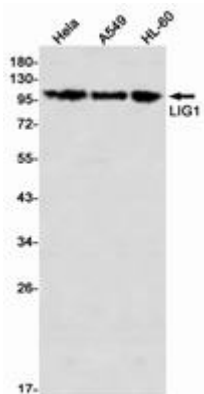
**Conjugation:** Unconjugated

**Modification:** Unmodified

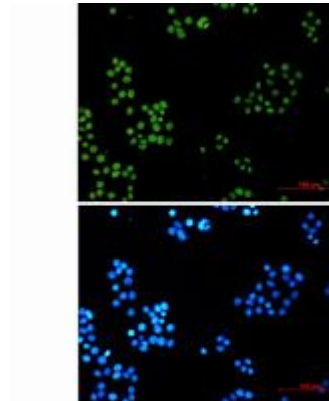
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

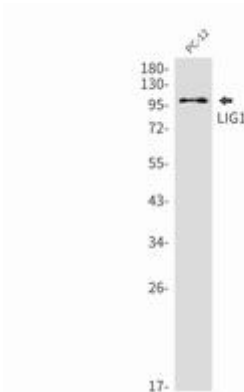
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



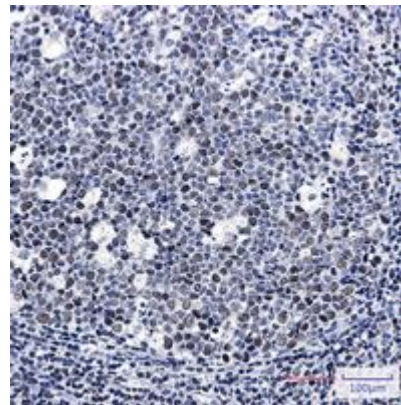
Western blot analysis of LIG1 in HeLa, A549, HL-60 lysates using LIG1 antibody



Immunocytochemistry analysis of LIG1 (green) in HeLa using LIG1 antibody, and DAPI (blue).



Western blot analysis of LIG1 in PC-12 lysates using LIG1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using LIG1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.