

## SV40 T ANTIGEN RABBIT MAB

**Cat.#:** N263567

**Product Name:** Anti-SV40 T Antigen Rabbit Monoclonal Antibody

**Synonyms:** Large T antigen; LT; LT-AG

**UNIPROT ID:** P03070

**Background:** Isoform large T antigen is a key early protein essential for both driving viral replication and inducing cellular transformation. Plays a role in viral genome replication by driving entry of quiescent cells into the cell cycle and by autoregulating the synthesis of viral early mRNA. Displays highly oncogenic activities by corrupting the host cellular checkpoint mechanisms that guard cell division and the transcription, replication, and repair of DNA.

**Immunogen:** A synthetic peptide of SV40 T-antigen

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R08-7D4

**MW:** Calculated MW: 82 kDa; Observed MW: 90 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** All

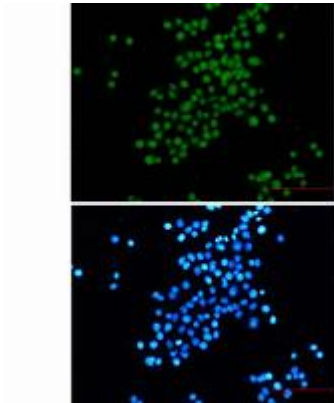
**Conjugation:** Unconjugated

**Modification:** Unmodified

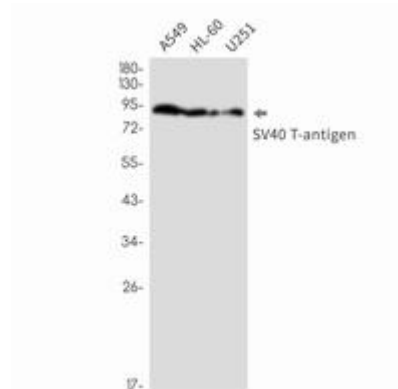
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Infectious Diseases

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



Immunocytochemistry analysis of SV40 T antigen (green) in HeLa cells using SV40 T antigen antibody, and DAPI (blue)



Western blot analysis of SV40 T antigen in A549, HL-60, U251 lysates using SV40 T Antigen antibody.