

# Anti-SV40T [PAB416]

**Catalogue number:** 153338

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Lionel Crawford

**Institute:** Cancer Research UK, London Research Institute: Clare Hall Laboratories

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-SV40T [PAB416]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Monoclonal antibody directed at large T antigen of SV40, valuable for investigation into other SV40 tumour antigens and polyomaviruses. Background and Research Application Anti-SV40T which binds to the large T antigen of the Simian oncogenic polyoma virus (SV40). Both the Simian virus (SV40) large T and small T antigens are encoded by the early region of the SV40 genome. The SV40 large T antigen is an early protein that interacts with the p53 and Rb tumour suppressor proteins. Large T is cap...

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG2a

**Reactivity:** Virus

**Selectivity:**

**Host:** Mouse

**Immunogen:** SV40 transformed mouse cells

**Immunogen UNIPROT ID:** P03070

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** SV80 or SV-T2 cells

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** N-terminal domain of SV40 large and small T-antigen

**Target alternate names:**

**Target background:** Monoclonal antibody directed at large T antigen of SV40, valuable for investigation into other SV40 tumour antigens and polyomaviruses. Background and Research Application Anti-SV40T which binds to the large T antigen of the Simian oncogenic polyoma virus (SV40). Both the Simian virus (SV40) large T and small T antigens are encoded by the early region of the SV40 genome. The SV40 large T antigen is an early protein that interacts with the p53 and Rb tumour suppressor proteins. Large T is ca...

**Molecular weight:** 94 kDa

**Ic50:**

## Applications

**Application:** IHC ; IF ; IP ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** Store at -20° C frozen. Avoid repeated freeze / thaw cycles

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Goolsby et al. 1991. Cytometry. 12(8):748-56. PMID: 1665408. ; Viral and cellular oncogene expression during progressive malignant transformation of SV40 transformed human fibroblasts. ; Monoclonal antibodies specific for simian virus 40 tumor antigens. ; Harlow et al. 1981. J Virol. 39(3):861-9. PMID: 6169844.

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