

Anti-PCNA [SAIC-27C-101] Standard Size Ab00319-1.1

This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Lambda

Clone Number: SAIC-27C-101

Alternative Name(s) of Target: Proliferating cell nuclear antigen

UniProt Accession Number of Target Protein: P12004

Published Application(s): immunoMRM

Published Species Reactivity: Human

Immunogen: Peptide "LVQGSILK" derived from PCNA1 (Proliferating cellular nuclear antigen 1) conjugated to KLH. PCNA is an auxiliary and regulatory protein of DNA polymerase delta involved in control of eukaryotic DNA replication.

Specificity: Recognises human PCNA.

Application Notes: Original data characterizing this antibody may be found [here](#).

Antibody First Published in: Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics [PMID:25512614](#)

Note on publication: Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.