

Anti-PCNA [5E6/2]

Catalogue number: 151456

Sub-type: Primary antibody

Images:

Contributor

Inventor: Helle Ulrich

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

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-PCNA [5E6/2]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody which binds PCNA, a tumour proliferation marker.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Saccharomyces cerevisiae

Selectivity:

Host: Mouse

Immunogen: Purified recombinant His6-POL30 (PCNA) from budding yeast, Saccharomyces cerevisiae, produced in Escherichia coli

Immunogen UNIPROT ID: P12004

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Wild type budding yeast expressing native POL30 (PCNA)

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Proliferating cell nuclear antigen, (PCNA), also known as cyclin or polymerase delta accessory protein.

Target alternate names:

Target background: Monoclonal antibody which binds PCNA, a tumour proliferation marker. Background and Research Application PCNA, also known as polymerase delta auxiliary protein, is essential for DNA replication and is involved in DNA excision and mismatch repair pathways. It is required for cellular DNA synthesis, and in vitro replication of SV40 DNA. It helps to co-ordinate the leading and lagging strand synthesis at the replication fork. PCNA binds to the CDK inhibitor p21, the structure-specific endonucle...

Molecular weight: 30 kDa

Ic50:

Applications

Application: WB ; ELISA ; 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: Otto et al. 2006. Proteomics. 6(15):4235-45. PMID: 16888721.

CancerTools.org