abbexa ®
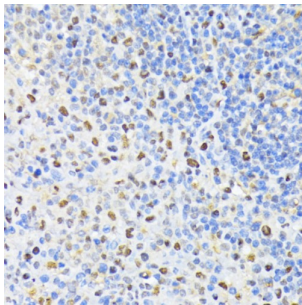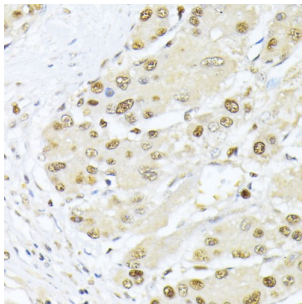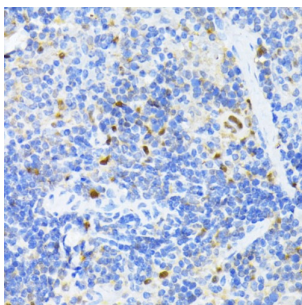
Proliferating Cell Nuclear Antigen (PCNA) Antibody

Catalogue No.:abx000649

Immunohistochemistry of paraffin-embedded Rat spleen using PCNA Antibody (1/100 dilution, 40x lens).

Immunohistochemistry of paraffin-embedded Human liver cancer using PCNA Antibody (1/100 dilution, 40x lens).

Immunohistochemistry of paraffin-embedded Mouse spleen using PCNA Antibody (1/100 dilution, 40x lens).

PCNA Antibody is a Rabbit Polyclonal antibody against PCNA. The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.

Target:	Proliferating Cell Nuclear Antigen (PCNA)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IHC
Host:	Rabbit

Recommended dilutions:	IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PCNA
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P12004 (**UniProt**, **ExPASy**)
Gene Symbol:	PCNA
GeneID:	**5111**
NCBI Accession:	NP_002583.1
KEGG:	hsa:5111
String:	**9606.ENSP00000368458**
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

v1.0.0

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