

Rabbit Anti-PCNA [MD38R]: RM0341

Intended Use: For Research Use Only

Description: Proliferating cell nuclear antigen (PCNA) is a member of the DNA sliding clamp family of proteins that assist in DNA replication. Crystal structure data suggests that a PCNA homotrimer ring can encircle and slide along the DNA double helix. Multiple proteins involved in DNA replication, DNA repair, and cell cycle control bind to PCNA rather than directly associating with DNA, thus facilitating fast processing of DNA (reviewed in 3). PCNA protein expression is a well-accepted marker of proliferation.

Specifications

Clone: MD38R
 Source: Rabbit
 Isotype: IgG
 Reactivity: Human, mouse, rat, monkey
 Localization: Nucleus
 Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN₃)
 Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
 Applications: IHC, Flow Cyt., ICC/IF, WB
 Package:

Description	Catalog No.	Size
PCNA Concentrated	RM0341	1 ml

IHC Procedure*

Positive Control Tissue: Tonsil
 Concentrated Dilution: 200-400
 Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.