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Research Use Only. Not for diagnostic or therapeutic use.

EB11651-B - Goat Anti-PCNA (aa111-122), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: cyclin, DNA polymerase delta auxiliary protein, MGC8367, OTTHUMP0000030189, OTTHUMP00000030190, PCNA, proliferating cell nuclear antigen

Official Symbol: PCNA

Accession Number(s): NP_002583.1

Human GeneID(s): 5111

Non-Human GenelD(s): 18538 (mouse), 25737 (rat)

Important Comments: Reported variants represent identical protein: NP_872590.1,

NP_002583.1

Immunogen

Peptide with sequence C-EAPNQEKVSDYE., from the internal region of the protein sequence according to NP_002583.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 30kDa band observed in lysates of cell line Jurkat (calculated MW of 28.8kDa according to Human NP_002583.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Gilljam et al, , J Cell Biol. 2009 Sep 7;186(5):645-54.). Recommended concentration: 0.03-0.1μg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



Biotinylated EB11651 (0.05ug/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.