

Monoclonal Antibody to DNA Polymerase, epsilon

Catalog No.:	DM3069
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	93H3A
Immunogen:	Purified recombinant human DNA polymerase epsilon corresponding to aa 1-176
Applications:	Immunoprecipitation (Native and denatured; use Protein G; Ab at 2µg/mg protein lysate. Western Blotting: Ab 2-4µg/ml for 2hrs at RT. Recommended positive control: 293 Cells. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Polepsilon present in proliferating cells and is implicated in the repair of UV-damaged DNA. It is found to be a component of a recombination complex that is able to repair deletions and doublestrand breaks. It does not cross-react with DNA Polymerase alpha or beta. Detects both pol epsilon and pol epsilon* of Human, Monkey, Cow, and Mouse. Others not tested. Cellular Localization: nuclear.
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.