

32-5999: Mouse Anti Human Poly (ADP-Ribose) Polymerase 2(Clone: PAT29G4Ae)

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| Clonality : | Monoclonal |
| Clone Name : | PAT29G4Ae |
| Application : | ELISA, WB |
| Gene : | PARP2 |
| Gene ID : | 10038 |
| Uniprot ID : | Q9UGN5 |
| Format : | Purified |
| Alternative Name : | ADPRT2, ADPRTL2, ADPRTL3, ARTD2, pADPRT-2, PARP-2, Poly [ADP-ribose] polymerase 2, hPARP-2, ADP-ribosyltransferase diphtheria toxin-like 2, NAD (+) ADP-ribosyltransferase 2, Poly [ADP-ribose] synthase 2. |
| Isotype : | Mouse IgG2a heavy chain and Kappa light chain. |
| Immunogen Information : | Anti-human PARP2 mAb, clone PAT29G4A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human PARP2 protein 233-583 amino acids purified from E. coli. |

Description

Poly (ADP-Ribose) Polymerase 2 (PARP2) contains a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. PARP2 is capable of catalyzing a poly (ADP-ribosyl)ation reaction. The basic residues within the N-terminal area of this protein can bear potential DNA-binding properties, and can be engaged in the nuclear and/or nucleolar targeting of the protein. There has been found two alternatively spliced transcript variants encoding distinct isoforms.

Product Info

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| Amount : | 20 µg |
| Purification : | PARP2 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography. |
| Content : | 1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide. |
| Storage condition : | For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles. |

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:500.