Mouse anti-Poly (ADP - Ribose) Polymerase (PARP), clone A6.4.12 (Monoclonal)

Clone no. A6.4.12

MONOSAN

Product name	Mouse anti-Poly (ADP - Ribose) Polymerase (PARP), clone A6.4.12 (Monoclonal)
Host	Mouse
Applications	WB,IHC-P,IP,IHC-fr,ELISA,IF
Species reactivity	human,drosophila,hamster,mouse,rat,xenopus
Conjugate	Purified
Immunogen	Human PARP-1
Isotype	IgG1
Clonality	Monoclonal
Clone number	A6.4.12
Size	0.1 mg
Concentration	1.0 mg/ml
Format	-
Storage buffer	PBS with 0.09% sodium azide
Storage until expiry date	2-8°C

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Additional info

Mouse anti poly (ADP-ribose) polymerase 1 antibody, clone A6.4.12 recognizes poly (ADP-ribose) polymerase 1 (PARP-1), a ~116 kDa nuclear enzyme, cleaved during apoptosis (Soldani et al. 2002). PARP-1, a caretaker enzyme, is involved in DNA damage repair (Langelier et al. 2013), plays roles in diabetes pathophysiology (Andreone et al. 2012) and tumour proliferation (Rosado et al 2013.).As well as protecting cells from genomic instability, PARP-1 is involved in the development of both inflammatory and immune responses, and cell death by apoptosis and necrosis (Erdélyi et al. 2005).

Mouse anti poly(ADP-ribose) polymerase 1 antibody, clone A6.4.12, targets PARP-1, an enzyme which represents a promising target for new developments in therapeutic treatment of immune mediated diseases (Rosado et al. 2013). PARP-1 has considerable potential for delivering selective tumour cell killing while sparing normal cells (Pinton et al. 2013).

References

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