

Mouse anti-Polo-Like Kinase 1 (PLK-1), clone MJS1 (monoclonal)

Clone no. MJS1

MONXtra

Product name	Mouse anti-Polo-Like Kinase 1 (PLK-1), clone MJS1 (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	107 amino acids from central region of human PLK-1 protein.
Isotype	IgG1, kappa
Clonality	Monoclonal
Clone number	MJS1
Size	1ml
Concentration	Greater than or equal to 320 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Polo-Like Kinase-1 (PLK1) also known as Serine/Threonine Protein Kinase 13 is a 66 kDa kinase. The activity of PLK-1 is crucial for mitosis and maintenance of genome stability. PLK-1 localizes to centrosomes and kinetochores where it plays a key role in late prophase and prometaphase. PLK-1 is overexpressed in many types of cancers and mediates estrogen receptor-mediated gene transcription in breast cancer cells. Overexpression of PLK-1 is associated with tumor development, with elevated levels of expression reported in non-small cell lung cancers, head and neck, gastric, breast, ovarian, colon and several other cancer types.

References

1. -
2. -
3. -
4. -
5. -

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