

Mouse anti-P34 cdc-2 Nuclear Protein, clone POH-1 (Monoclonal)

Clone no. POH-1

MONOSAN

Product name	Mouse anti-P34 cdc-2 Nuclear Protein, clone POH-1 (Monoclonal)
Host	Mouse
Applications	IP, WB, IHC-P, ICC
Species reactivity	Cow, Non-human primates, Human
Conjugate	-
Immunogen	Bacterially expressed full-length human Cdk1 protein
Isotype	IgG2a
Clonality	Monoclonal
Clone number	POH-1
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-P34 cdc-2 Nuclear Protein, clone POH-1 (Monoclonal)

Clone no. POH-1

MONOSAN

Additional info

Cdk1 (cyclin-dependent kinase 1), also known as p34Cdc2 (cell division control protein kinase 2) depends on cyclin A and B and is triggered by a positive feedback loop at the end of G2 phase, which is the key event that initiates mitotic entry. Destruction of cyclin B during metaphase results in inactivation of Cdk1, allowing mitotic exit and cell division. Cdk1 also contributes to the control of DNA replication. Cdk1 can be inhibited by several transcriptional targets of p53, such as p21WAF.

References

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

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES