9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-1050: Anti-Cdk1 / p34Cdc2 Monoclonal Antibody (Clone:POH-1)

Clonality :	Monoclonal
Clone Name :	POH-1
Application :	IP
Reactivity :	Human
Gene :	CDK1
Gene ID :	983
Uniprot ID :	P06493
Format :	Purified
Alternative Name :	CDK1,CDC2,CDC28A,CDKN1,P34CDC2
Isotype :	Mouse IgG2a
Immunogen Information :	Bacterially expressed full-length human Cdk1 protein

Description

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 ihibited by several transcriptional targets of p53, such as p21WAF.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: thymus.
Western blotting: Recommended dilution: 1-2 µg/ml.

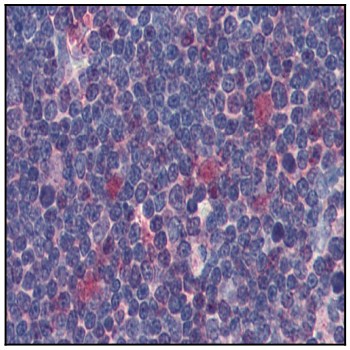


Figure 1: Immunohistochemistry staining of human thymus (paraffin sections) using anti-Cdk1 (clone POH-1).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.