



Technical Data Sheet

Product	<b>Anti-CDK1 Alexa Fluor® 488</b>	
Cat. Number/Size	<b>A4-115-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CDK1	
Clone	POH-1	
Format	Alexa Fluor® 488	
Reactivity	Cow, Non-human primates, Human	
Negative species	Mouse, Drosophila, Rat, Xenopus	
Application	ICC (QC tested), IHC-P	
Application details	Immunocytochemistry: Recommended dilution 2 µg/ml; intracellular staining	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The antibody POH-1 specifically detects Cdk1 (p34Cdc2; an intracellular antigen). Staining of Cdk1 reflects the proliferating potential of respective tissue.	
Other names	p34Cdc2, p34 protein kinase, CDK1, CDC2, CDC28A	
Immunogen	Bacterially expressed full-length human Cdk1 protein	
Entrez Gene ID	983	
Gene name	CDK1	
NCBI Full Gene Name	cyclin dependent kinase 1	
UniProt ID	B7Z3D6	
Concentration	0.1 mg/ml	
Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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