

Anti-Cdk1 (Tyr-15) [conserved site], Phosphospecific Antibody

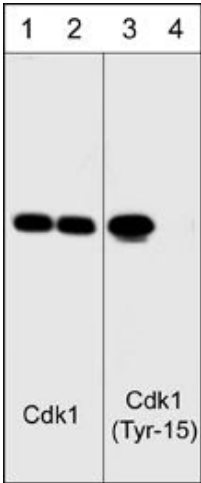


Product Details

Available Variants	100 µL (SKU:CM2311)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M231
Gene Name	CDK1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:250
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M231 was generated from a phospho-Cdk1 (Tyr-15) synthetic peptide (coupled to carrier protein) corresponding to amino acids surrounding Tyr-15 in human Cdk1. This sequence is conserved in rat and mouse Cdk1, and is highly conserved in other Cdk, including Cdk2, Cdk3, Cdk5, and Cdk6.
Specificity	The antibody detects a 34 kDa* band corresponding to Cdk1 on SDS-PAGE immunoblots of human SYF and HeLa cells, and this band is removed after alkaline phosphatase treatment. The antibody may also detect Tyr-15 phosphorylation in Cdk2, Cdk3, Cdk5, and Cdk6.
Molecular Weight	34
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P06493
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated

Product Images



Western blot analysis of human SYF fibroblasts before (lanes 1 & 3) and after (lanes 2 & 4) treatment with alkaline phosphatase. The blots were probed with anti-Cdk1 (N-terminal region) antibody (lanes 1 & 2) or anti-Cdk1 (Tyr-15) phospho-specific antibody (lanes 3 & 4).

Product Page URL: www.antibodiesinc.com/products/anti-cdk1-tyr-15-conserved-site-phosphospecific-antibody-cm2311

