

Anti-Phospho-CDK1-Tyr-15 antibody [M231] (STJA0005341)

STJA0005341

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Phospho-Cdk1-Tyr-15 is suitable for use in Western Blot research applications.
Applications	WB
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	M231
Concentration	
Conjugation	Unconjugated
Purification	Protein A Purified
Dilution Range	WB 1:250
Formulation	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	983
Gene Symbol	CDK1
Uniprot ID	CDK1_HUMAN
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
Immunogen Region	
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
Immunogen Sequence	