

39-1089: Anti-PSTAIR Monoclonal Antibody (Clone: PSTAIR)

Clonality :	Monoclonal
Clone Name :	PSTAIR
Application :	WB
Reactivity :	Human
Gene :	Cdk1
Gene ID :	54237
Uniprot ID :	P39951
Alternative Name :	Cyclin-dependent kinase 1; CDK1; 2.7.11.22; 2.7.11.23; Cell division control protein 2 homolog; Cell division protein kinase 1; p34 protein kinase; Cdk1; Cdc2, Cdc2a, Cdkn1
Isotype :	Mouse IgG1
Immunogen Information :	Synthetic 16 amino acid oligopeptide containing the PSTAIR sequence conjugated to BSA.

Description

The cyclin-dependent protein kinases(CDKs) regulate major cell cycle transitions in eukaryotic cells. CDKs contain an evolutionary conserved 16 amino acid sequence called PSTAIR(EGVPSTAIRESLLKE) which distinguishes them from other protein kinases. The PSTAIRE motif found in prototypic CDC2 kinases. CDC2L1 is referred as PITSLRE B, based on the amino acid sequence of the region corresponding to the conserved CDC2 PSTAIRE box.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.25-0.5 µg/ml