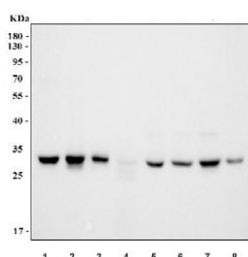


PSTAIR Antibody [clone PSTAIR] (R30076)

Catalog No.	Formulation	Size
R30076	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PSTAIR
Purity	Ascites
Gene ID	983
Applications	Western Blot : 0.25-0.5ug/ml
Limitations	This PSTAIR antibody is available for research use only.



Western blot testing of 1) human A549, 2) human 293T, 3) human Caco-2, 4) human ThP-1, 5) rat C6, 6) rat PC-12, 7) mouse RAW264.7 and 8) mouse NIH 3T3 cell lysate with PSTAIR antibody. Expected molecular weight in CDK1: ~34 kDa.

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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the PSTAIR antibody may be required

due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Synthetic 16 amino acid oligopeptide containing the PSTAIR sequence was used as the immunogen for this PSTAIR antibody.

Storage

After reconstitution, the PSTAIR antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.