

For Research Use Only

PIN1 Monoclonal antibody, PBS Only

Catalog Number: 68127-1-PBS



Basic Information

Catalog Number: 68127-1-PBS	GenBank Accession Number: BC002899	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5300	CloneNo.: 1F4G3
Source: Mouse	UNIPROT ID: Q13526	
Isotype: IgG1	Full Name: peptidylprolyl cis/trans isomerase, NIMA-interacting 1	
Immunogen Catalog Number: AG0767	Calculated MW: 18 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications:
WB, IP, IF, Indirect ELISA

Species Specificity:
Human, mouse, rat, rabbit, pig

Background Information

PIN1 (Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1) is essential for mitosis progression in yeast cells and is hypothesized to perform the same role in mammalian cells. It might regulate cellular processes distinct from the cell cycle itself, such as terminal differentiation through a modulation of differentiation-specific gene expression (PMID:20801874). It colocalizes with NEK6 in the nucleus. Pin1 inhibition simultaneously blocks multiple cancer pathways, disrupts the desmoplastic and immunosuppressive TME, and upregulates PD-L1 and ENT1, rendering pancreatic ductal adenocarcinoma (PDAC) eradicable by immunochemotherapy (PMID: 34388391).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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