

For Research Use Only

# PSIP1 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68941-1-PBS



## Basic Information

Catalog Number:	68941-1-PBS	GenBank Accession Number:	BC064135	Purification Method:	Protein G purification
Concentration:	1000 µg/ml	GeneID (NCBI):	11168	CloneNo.:	1C4G5
Source:	Mouse	UNIPROT ID:	O75475		
Isotype:	IgG1	Full Name:	PC4 and SFRS1 interacting protein 1		
Immunogen Catalog Number:	AG21886	Calculated MW:	530 aa, 60 kDa		

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Background Information

PSIP1, also known as PC4 and SRSF1 Interacting Protein 1 or Lens Epithelium-Derived Growth Factor (LEDGF), is a transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. It also plays a role in lens epithelial cell gene regulation and stress responses. It is a chromatin-associated protein with histone chaperone activity, involved in transcriptional elongation. PSIP1 may act as an adapter to coordinate pre-mRNA splicing. PSIP1 encodes two protein isoforms with molecular masses of 52 and 75 kDa. p52 and p75 were identified as interacting with transcription factor PC4 and shown to act as transcriptional coactivators.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

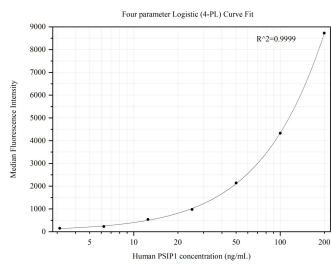
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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# Selected Validation Data



Cytometric bead array standard curve of MP50375-1, PSIP1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67723-1-PBS. Detection antibody: 68941-1-PBS. Standard:Ag21886. Range: 3.125-200 ng/mL.