



# PSF1 Monoclonal Antibody

Catalog No	BYmab-05522
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	GIN51 KIAA0186 PSF1
Protein Name	DNA replication complex GINS protein PSF1 (GINS complex subunit 1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PSF1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	21kD
Cell Pathway	Nucleus . Chromosome . Associates with chromatin. .
Tissue Specificity	Bone marrow,Skin,
Function	function:The GINS complex plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS complex seems to bind preferentially to single-stranded DNA. GINS1 is essential for function.,induction:Significantly up-regulated in aggressive melanomas.,mass spectrometry:This is the measured mass for the GINS complex PubMed:17557111,similarity:Belongs to the GINS1/PSF1 family.,subunit:Component of the GINS complex which is a heterotetramer of GINS1, GINS2, GINS3 and GINS4. Forms a stable subcomplex with GINS4. GINS complex interacts with DNA primase in vitro.,
Background	The yeast heterotetrameric GINS complex is made up of Sld5 (GINS4; MIM 610611), Psf1, Psf2 (GINS2; MIM 610609), and Psf3 (GINS3; MIM 610610). The

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formation of the GINS complex is essential for the initiation of DNA replication in yeast and *Xenopus* egg extracts (Ueno et al., 2005 [PubMed 16287864]).[supplied by OMIM, Mar 2008],

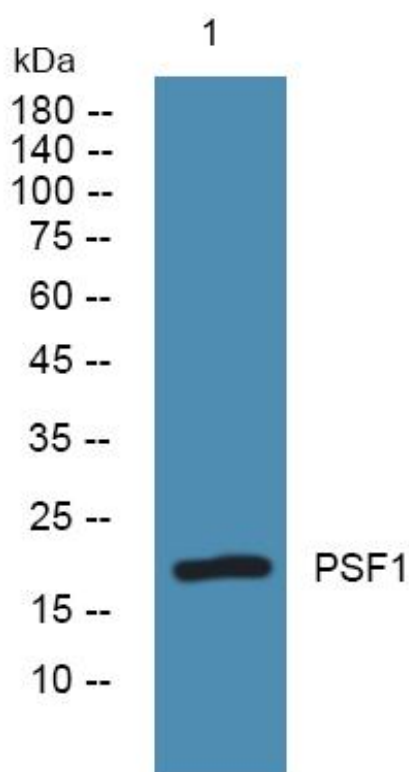
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using PSF1 Monoclonal Antibody