

# DPM1 Monoclonal Antibody (5C5A7)

Product Details	
Size	250 µg
Species Reactivity	Yeast
Published Species	Yeast
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5C5A7
Conjugate	Unconjugated
Immunogen	Yeast Dolichol phosphate mannose synthase
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	HEPES buffered saline
Contains	0.02% sodium azide
Storage conditions	4° C
RRID	AB_2536204

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	35 Publications
Immunocytochemistry (ICC/IF)	-	2 Publications

## Western Blot (35)

The Journal of biological chemistry

### A method for the isolation and characterization of autophagic bodies from yeast provides a key tool to investigate cargos of autophagy.

"Published figure using DPM1 monoclonal antibody (Product # A-6429) in Western Blot"

Authors: Kawamata T,Makino S,Kagohashi Y,Sasaki M,Ohsumi Y

Year  
2022

The Journal of biological chemistry

### Eisosome protein Pil1 regulates mitochondrial morphology, mitophagy, and cell death in *Saccharomyces cerevisiae*.

"Published figure using DPM1 monoclonal antibody (Product # A-6429) in Western Blot"

Authors: Pal A,Paripati AK,Deolal P,Chatterjee A,Prasad PR,Adla P,Sepuri NBV

Year  
2022

Species  
Yeast

[View more WB references on thermofisher.cn](#)

## Immunocytochemistry (2)

The Journal of cell biology

### Regulation of lipid droplets by metabolically controlled Ldo isoforms.

"A-6429 was used in Immunofluorescence to support a model in which Ldo proteins modulate the activity of the seipin complex, thereby affecting lipid droplet (LD) properties, essential for energy homeostasis."

Authors: Teixeira V,Johnsen L,Martínez-Montañés F,Grippa A,Buxó L,Idrissi FZ,Ejsing CS,Carvalho P

Year  
2018

Species  
Yeast

Journal of cell science

### An unrecognized function for COPII components in recruiting the viral replication protein BMV 1a to the perinuclear ER.

"A6429 was used in immunocytochemistry and proximity ligation assay to demonstrate that some coat protein complex II proteins target proteins to the perinuclear endoplasmic reticulum membrane"

Authors: Li J,Fuchs S,Zhang J,Wellford S,Schuldiner M,Wang X

Year  
2016

Species  
Yeast

Dilution  
1:100

## More applications with references on thermofisher.cn

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.