

# DPM1 Monoclonal Antibody (5C5A7)

Product Details	
Size	250 µg
Species Reactivity	Yeast
Published Species	Yeast
Host/Isotope	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	28 Publications
Immunofluorescence (IF)	-	2 Publications

## Western Blot (28)

### Autophagy

#### The exoribonuclease Xrn1 is a post-transcriptional negative regulator of autophagy.

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

Authors: Delorme-Axford E, Abernathy E, Lennemann NJ, Bernard A, Ariosa A, Coyne CB, Kirkegaard K, Klionsky DJ

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2019

### Nature communications

#### A switch element in the autophagy E2 Atg3 mediates allosteric regulation across the lipidation cascade.

"A-6429 was used in Western Blotting to study the molecular mechanisms which underly Atg lipidation."

Authors: Zheng Y, Qiu Y, Grace CRR, Liu X, Klionsky DJ, Schulman BA

**Species**  
Yeast  
Not Applicable

**Dilution**  
1:3000  
Not Cited

**Year**  
2019

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

## Immunofluorescence (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, Ejising CS, Carvalho P

**Species**  
Yeast  
Not Applicable

**Dilution**  
Not Cited  
Not Cited

**Year**  
2018

### 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

**Species**  
Yeast

**Dilution**  
1:100

**Year**  
2016

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