



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## TUP1. Mouse Monoclonal Antibody

General transcriptional corepressor TUP1, Glucose repression regulatory protein TUP1, Flocculation suppressor protein, Repressor AER2, TUP1, AAR1, AER2, AMM1, CYC9, FLK1, SFL2, UMR7, YCR084C, YCR84

### BACKGROUND

Yeast Tup 1p-Ssn6p repressor complex represents a novel paradigm for transcriptional repression and for the role of chromatin in repression. TUP 1 and SSN6 are involved in repression of several diverse families of genes in yeast, including cell type-specific genes regulated by the  $\alpha 2$  and  $\alpha 1/\alpha 2$  repressors. Ssn6-Tup1 interacts with class I histone deacetylases required for repression, and recruitment of yeast Tup1p-Ssn6p repressor is associated with localized decreases in histone acetylation.

### ORDERING INFORMATION

**CATALOG NUMBER**

X1538M

**SIZE**

100  $\mu$ g

**FORM**

Unconjugated

**HOST/CLONE**

Mouse Clone 10

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG

**APPLICATIONS**

Western Blot

**SPECIES REACTIVITY**

Yeast (*Saccharomyces cerevisiae*)

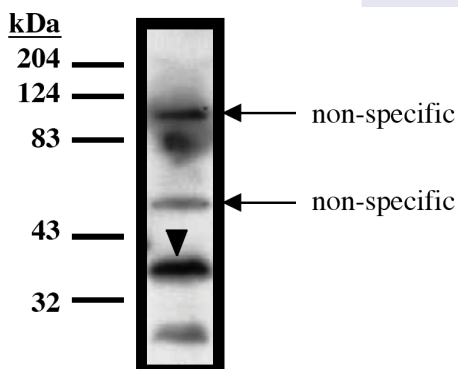
**ACCESSION NUMBER**

Yeast P16649

### IMMUNOGEN

Recombinant protein derived from the amino acids 1-200 of yeast TUP1 protein

Western blot analysis using TUP1 antibody on recombinant TUP1 protein (amino acids 1-200) expressed in Mav108 cells.



**POSITIVE CONTROL/TISSUE EXPRESSION**

Mav108 cells expressing recombinant TUP1 protein

**COMMENTS**

Antibody can be used for Western blotting (5-10  $\mu\text{g/ml}$ ). Optimal concentration should be evaluated by serial dilutions.

**PURIFICATION**

Protein A/G Chromatography

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at  $-20^{\circ}\text{C}$ . Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**

1. Bone, J.R. and Roth, S.Y. 'Recruitment of the yeast Tup1p-Ssn6p repressor is associated with localized decreases in histone acetylation.' *J. Biol. Chem* 2001, 276, 1808-1813
2. Watson, A.D., et al. 'Ssn6-Tup1 interacts with class I histone deacetylase required for repression.' *Genes and Development* 2000, 14, 2737-2744
3. Yang, X., et al. 'Recruitment of O-GlcNAc transferase to promoters by corepressor mSin3A: Coupling protein O-GlcNAcylation to transcriptional repressor.' *Cell* 2002, 110, 69-80
4. DeSilva, H., et al. 'Functional dissection of yeast Hir1p, a WD repeat-containing transcriptional corepressor.' *Genetics* 1998, 148, 657-667

**PRODUCT SPECIFIC REFERENCES**