

# GAL4 monoclonal antibody, clone 8C-1

Catalog # MAB1884

Size 100 ug

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant GAL4.
<b>Immunogen</b>	Recombinant protein corresponding to full length yeast GAL4.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	106
<b>Reactivity</b>	Yeast
<b>Specificity</b>	This antibody recognizes a 106 KDa protein by Western blot in yeast cell extracts corresponding to amino acids 1-147 of the GAL4 DNA binding region.
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Recommend Usage</b>	Western Blot (1-10 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.08% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunoprecipitation

## Gene Info — GAL4

Entrez GeneID	<a href="#">855828</a>
Gene Name	GAL4
Gene Alias	GAL81
Gene Description	DNA-binding transcription factor required for the activation of the GAL genes in response to galactose; repressed by Gal80p and activated by Gal3p
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	Gal4p

## Publication Reference

- [The DNA binding domains of the yeast Gal4 and human c-Jun transcription factors interact through the zinc-finger and bZIP motifs.](#)  
Sollerbrant K, Akusjärvi G, Linder S, Svensson C.  
Nucleic Acids Research 1995 Feb; 23(4):588.  
Application: WB-Re, Recombinant protein
- [GAL4 is regulated by a glucose-responsive functional domain.](#)  
Stone G, Sadowski I.  
The EMBO Journal 1993 Apr; 12(4):1375.  
Application: IP, Yeast, YT6 strain
- [An amino-terminal fragment of GAL4 binds DNA as a dimer.](#)  
Carey M, Kakidani H, Leatherwood J, Mostashari F, Ptashne M.  
Journal of Molecular Biology 1989 Oct; 209(3):423.