GAL4 monoclonal antibody, clone 5C8-5

Catalog # MAB1883 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant GAL4.
Immunogen	Recombinant protein corresponding to full length yeast GAL4.
Host	Mouse
Reactivity	Yeast
Specificity	This antibody recognizes GAL4 derivatives containing the C-terminal activation domain.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot

Gene Info — GAL4

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Entrez GeneID	855828
Gene Name	GAL4
Gene Alias	GAL81
Gene Description	DNA-binding transcription factor required for the activation of the GAL genes in response to galac tose; repressed by Gal80p and activated by Gal3p
Gene Ontology	Hyperlink
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.

- 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.

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