

Mouse anti-Yeast GAL-4 Activation Domain Monoclonal Antibody | anti-GAL4 antibody

GAL-4 Activation Domain

CATALOG # AAA60477	HOST Mouse	REACTIVITY Yeast	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

GAL-4 Activation Domain; Monoclonal Antibody; anti-GAL4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Yeast
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5C8-5
Purity/Purification	Protein A/G Chromatography
Form/Format	Unconjugated Provided as solution in phosphate buffered saline with 0.08% sodium azide
Sequence Length	881
Applicable Applications for anti-GAL4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Hybridoma produced by the fusion of splenocytes from mice immunized with full length GAL4 expressed in E. Coli and mouse myeloma cells.
Functional Analysis	Western Blotting
Preparation and Storage	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles Shipping conditions: Ship at ambient temperature, freeze upon arrival.

ADDITIONAL INFORMATION

Related Product Information for anti-GAL4 antibody	GAL4 is a transcriptional activator which activates genes necessary for galactose catabolism. The DNA binding domain of GAL4 is contained in the first 74 amino acids and contains a zinc finger sequence motif. However, amino acids 1-147 have been shown to bind to DNA in vitro. While GAL4 (1-74) bind DNA specifically, it is with a lower affinity than the GAL4 (1-147). GAL4 (1-147) binds to a specific 17 base pair nucleotide sequence, but alone is insufficient to activate transcription. Either of the two acidic activating regions, activating region I (amino acids 148-238) or activating region II (amino acids 768-881), must be joined to activate transcription.
Product Categories/Family for anti-GAL4 antibody	Monoclonal Antibody ; Expression/Fusion Protein Tags

NCBI AND UNIPROT INFORMATION

NCBI GI #	6325008
NCBI GeneID	855828
NCBI Accession #	NP_015076.1

NCBI GenBank Nucleotide #	NM_001184062.1
UniProt Accession #	P04386; D6W3C3
Molecular Weight	99,403 Da
NCBI Official Full Name	Gal4p
NCBI Official Symbol	GAL4
NCBI Official Synonym Symbols	GAL81
NCBI Protein Information	Gal4p
UniProt Protein Name	Regulatory protein GAL4
UniProt Gene Name	GAL4
UniProt Entry Name	GAL4_YEAST

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gal-4-activation-domain-antibody-clone-5c8-5-immunoprecipitation-western-blot-elisa/60477>