Anti-GCN4 [C11L34] Bulk Size Ab00436-1.4-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

> This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Fc Silent™, Lambda
Clone Number: C11L34
Alternative Name(s) of Target: General Control Protein 4
UniProt Accession Number of Target Protein: P03069
Published Application(s): IP, SPR, WB
Published Species Reactivity: S. cerevisiae
Immunogen: Biotinylated GCN4-peptide (HLENEVARLKK).
Specificity: This antibody binds to the HLENEVARLKK peptide from the leucine-zipper domain of the S. cerevisiae GCN4 transcriptional activator with picomolar affinity.
Application Notes: This antibody binds to the GCN4-leucine zipper peptide, which is part of the dimerisation- and DNA-binding domain of the transcriptional activator GCN4 in S. cerevisiae.
Antibody First Published in: Zahnd et al. Directed in vitro evolution and crystallographic analysis of a peptide-binding single chain antibody fragment (scFv) with low picomolar affinity. Journal of Biological Chemistry 2004; 279(18):18870-18877 PMID:14754898
Note on publication: Describes the generation of an scFv with high affinity using directed evolution.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4⁰C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20⁰C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.