

Anti-GCN4 [C11L34] Standard Size Ab00436-1.4

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: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

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.