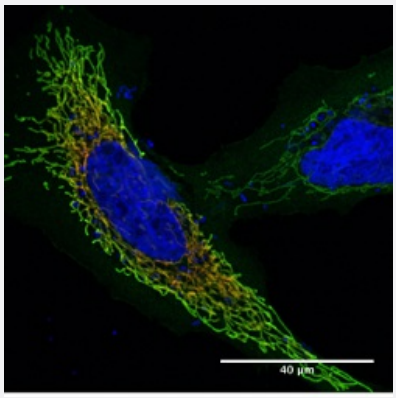
RecomAb™

GCN4 recombinant monoclonal antibody, clone C11L34

Catalog # RAB03482 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of Hela cells expressing mCherry tagged GCN4 with GCN4 recombinant monoclonal antibody, clone C11L34 (Cat # RAB03482).
Immunofluorescence analysis of fixed Hela cells stained with the chimeric mouse IgG1 version of RAB03482 followed by Alexa Fluor® 488 secondary antibody, showing mitochondrial staining. The nuclear and mitochondiral DNA stain is DAPI (blue). Colocalisation with mCherry tagged GCN4 demonstrates the very low off target/non-specific binding of this antibody.

Specification

Product Description	Mouse recombinant monoclonal antibody raised against yeast GCN4.
Antibody Species	Mouse
Immunogen	Original antibody is raised against biotinylated GCN4-peptide (HLENEVARLKK).
Reactivity	Yeast
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG1 lambda
Recommend Usage	Immunofluorescence Immunoprecipitation Surface Plasmon Resonance Western Blot The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

  Immunofluorescent staining of Hela cells expressing mCherry tagged GCN4 with GCN4 recombinant monoclonal antibody, clone C11L34 (Cat # RAB03482).
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  Colocalisation with mCherry tagged GCN4 demonstrates the very low off target/non-specific binding of this antibody.

- Immunoprecipitation

- Western Blot

- Surface Plasmon Resonance

Gene Info — GCN4

Entrez GeneID	856709
Gene Name	GCN4
Gene Alias	AAS3, ARG9
Gene Description	Gcn4p
Gene Ontology	Hyperlink
Other Designations	Transcriptional activator of amino acid biosynthetic genes in response to amino acid starvation; expression is tightly regulated at both the transcriptional and translational levels

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