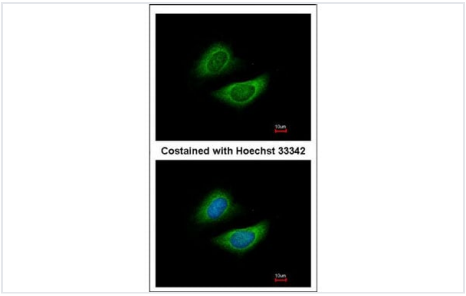
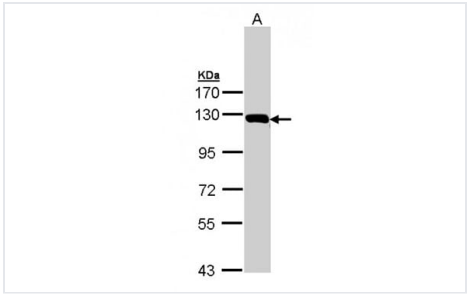
# Glycine Dehydrogenase (gcvP) Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

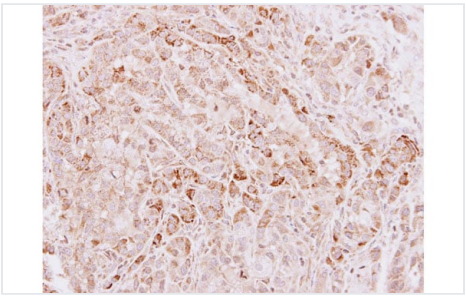
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| **Product Name** | Glycine dehydrogenase (gcvP), Polyclonal Antibody |
| **Full Product Name** | Glycine dehydrogenase antibody |
| **Product Gene Name** | anti-gcvP antibody |
| **Product Synonym Names** | Polyclonal Glycine dehydrogenase; Anti-Glycine dehydrogenase; MGC138198; GCSP; HYGN1; glycine decarboxylase P-protein; GLDC; MGC138200; GCE; glycine dehydrogenase [decarboxylating] mitochondrial |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Form/Format** | Supplied as a concentrated soloution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative. |
| **Purity/Purification** | Glycine dehydrogenase antibody was purified by antigen-affinity chromatography |
| **Concentration** | 1 mg/ml (lot specific) |
| **Preparation and Storage** | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles. |
| **Molecular Weight** | 113 kDa |
| **Cross-Reactivity** | Human |
| **Product Categories/Family for anti-gcvP antibody** | Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies |
| **Applications Tested/Suitable for anti-gcvP antibody** | Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Paraffin, Western Blot (WB) |
| **Application Notes for anti-gcvP antibody** | IF:1:100-1:500<br>ICC:1:100-1:500<br>IHC-P: 1:100-1:500<br>WB: 1:500-1:3000 |
| **Related Product Information for anti-gcvP antibody** | MBS837739 is an antibody targeting gcvP. Also known as Glycine dehydrogenase antibody. Host: Rabbit. Affinity purified Rabbit polyclonal Glycine dehydrogenase antibody |
| **Other Notes** | Small volumes of anti-gcvP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Immunofluorescence (IF) of anti-gcvP antibody**
Immunofluorescence analysis of methanol-fixed HeLa, using Glycine dehydrogenase antibody at 1:200 dilution.




**Western Blot (WB) of anti-gcvP antibody**
Western blot analysis of 30 ug of whole cell lysate (A: Hela) using a 7.5 % SDS PAGE gel and Glycine dehydrogenase antibody at a dilution of 1:1000



**Immunohistochemistry (IHC) of anti-gcvP antibody**
Immunohistochemical staining of paraffin-embedded A549 xenograft using Glycine dehydrogenase antibody at a dilution of 1:500

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for gcvP. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 297560436 |
| **NCBI GeneID** | 9245323 |
| **NCBI Accession #** | YP_003679410.1 |
| **GenBank Nucleotide #** | NC_014210.1 |
| **NCBI Official Full Name** | glycine dehydrogenase |
| **UniProt Protein Name** | Glycine dehydrogenase (decarboxylating) |
| **UniProt Synonym Protein Names** | Glycine cleavage system P-protein |
| **Protein Family** | Glycine dehydrogenase |
| **UniProt Gene Name** | gcvP |
| **UniProt Entry Name** | D7B3H6_NOCDD |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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