

For Research Use Only

# GLDC Recombinant antibody, PBS Only

Catalog Number: 86378-1-PBS



## Basic Information

**Catalog Number:**

86378-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG20410

**GenBank Accession Number:**

BC111995

**GeneID (NCBI):**

2731

**UNIPROT ID:**

P23378

**Full Name:**

glycine dehydrogenase (decarboxylating)

**Calculated MW:**

1020 aa, 113 kDa

**Observed MW:**

113 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250916A5

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human, mouse, rat, monkey

## Background Information

GLDC(Glycine dehydrogenase [decarboxylating], mitochondrial) is also named as GCSP and belongs to the GcvP family. It induces dramatic changes in glycolysis and glycine/serine metabolism that leads to changes in pyrimidine metabolism to regulate cancer cell proliferation(PMID:22225612).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

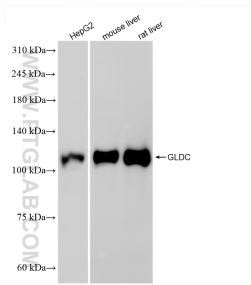
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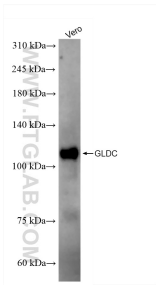
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86378-1-RR (GLDC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86378-1-PBS in a different storage buffer formulation.



Vero cells were subjected to SDS PAGE followed by western blot with 86378-1-RR (GLDC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86378-1-PBS in a different storage buffer formulation.