

For Research Use Only

GLDC Recombinant antibody, PBS Only

Catalog Number: 86378-1-PBS



Basic Information

Catalog Number:	86378-1-PBS	GenBank Accession Number:	BC111995	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenelD (NCBI):	2731	CloneNo.:	250916A5
Source:	Rabbit	UNIPROT ID:	P23378		
Isotype:	IgG	Full Name:	glycine dehydrogenase (decarboxylating)		
Immunogen Catalog Number:	AG20410	Calculated MW:	1020 aa, 113 kDa		
		Observed MW:	113 kDa		

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

For technical support and original validation data for this product please contact:
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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.