



GCDH Mouse mAb

Catalog No	YP-mAb-18962
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GCDH
Immunogen	Synthesized peptide derived from human GCDH
Specificity	This antibody detects endogenous levels of GCDH at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GCD;ACAD5;GCDH;Glutaryl-CoA dehydrogenase;mitochondrial (GCD) (EC 1.3.8.6); mitochondrial (GCD) (EC 1.3.8.6)
Observed Band	48kDa
Calculated Molecular Weight	48kDa
Cell Pathway	Isoform Long and isoform Short are expressed in fibroblasts and liver.
Tissue Specificity	
Function	Mitochondrion matrix.
Background	Catalyzes the oxidative decarboxylation of glutaryl-CoA to crotonyl-CoA and CO(2) in the degradative pathway of L-lysine, L-hydroxylysine, and L-tryptophan metabolism. It uses electron transfer flavoprotein as its electron acceptor. Isoform Short is inactive.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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