

KD-Validated Anti-PHGDH Mouse Monoclonal Antibody

Mouse monoclonal Antibody

Catalog # AGI2171

Product Information

Application	WB
Primary Accession	O43175
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Names	24GB14070
Calculated MW	56651
Gene Name	PHGDH
Aliases	PHGDH; Phosphoglycerate Dehydrogenase; D-3-Phosphoglycerate Dehydrogenase; SERA; GDH; PDG; 2-Oxoglutarate Reductase; Malate Dehydrogenase; EC 1.1.1.95; 3-PGDH; Epididymis Secretory Protein Li 113; 3-Phosphoglycerate Dehydrogenase; EC 1.1.1.399; EC 1.1.1.37; HEL-S-113; EC 1.1.1.1; PHGDHD; 3PGDH; PGDH3; NLS1; PGAD; NLS; PGD
Immunogen	Recombinant protein of human PHGDH

Additional Information

Gene ID	26227
Other Names	D-3-phosphoglycerate dehydrogenase, 3-PGDH, 1.1.1.95, 2-oxoglutarate reductase, 1.1.1.399, Malate dehydrogenase, 1.1.1.37, PHGDH, PGDH3

Protein Information

Name	PHGDH
Synonyms	PGDH3
Function	Catalyzes the reversible oxidation of 3-phospho-D-glycerate to 3-phosphonooxypyruvate, the first step of the phosphorylated L- serine biosynthesis pathway. Also catalyzes the reversible oxidation of 2-hydroxyglutarate to 2-oxoglutarate and the reversible oxidation of (S)-malate to oxaloacetate.

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