

## Product datasheet for AM31105PU-N

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## PHGDH Mouse Monoclonal Antibody [Clone ID: 4A3-1D6]

**Product data:** 

**Product Type:** Primary Antibodies

Clone Name: 4A3-1D6

**Applications:** ELISA, IF, IHC, IP, WB

Recommended Dilution: ELISA.

Immunofluorescence: 1 - 10 µg/ml.

**Immunohistochemistry on Paraffin Sections:** 5 µg/ml.

Immunoprecipitation.

Western Blot.

Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

**Immunogen:** PHGDH antibody was raised against recombinant protein

**Specificity:** This antibody reacts to PHGDH.

Formulation: PBS, pH 7.2

State: Purified

State: Liquid purified Ig fraction

**Concentration:** lot specific

**Purification:** Affinity chromatography on Protein A

Conjugation: Unconjugated

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: phosphoglycerate dehydrogenase

**Database Link:** Entrez Gene 26227 Human

O43175

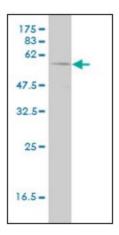
Synonyms: PGDH3, 3-PGDH



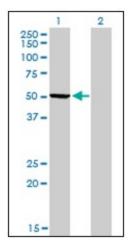
**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** Glycine, serine and threonine metabolism, Metabolic pathways

## **Product images:**

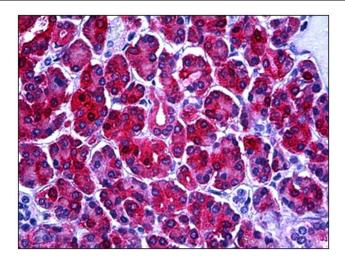


Western Blot analysis of PHGDH expression in human liver with PHGDH monoclonal antibody, clone 4A3-1D6.

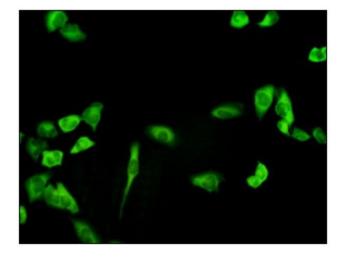


Western Blot analysis of PHGDH expression in transfected 293T cell line by PHGDH monoclonal antibody, clone 4A3-1D6.

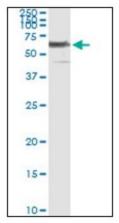




Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to PHGDH on HeLa cell. [antibody concentration 1  $\sim$  10 ug/ml]



Immunoprecipitation of PHGDH transfected lysate using anti-PHGDH monoclonal antibody and Protein A Magnetic Bead.