

Catalog #: 5803

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; PHGDHD; 3PGDH; PGDH3; NLS1; PGAD; NLS; PGD

Background

Gene Name: PHGDH

NCBI Gene Entry: [26227](#)

UniProt Entry: [O43175](#)

Application Information

Molecular Weight: Predicted, 57 kDa; observed, 57 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5470

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB)

Immunogen

Recombinant protein of human PHGDH

Isotype

Mouse IgG2a

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Note: This product is for research use only.

Validation Data

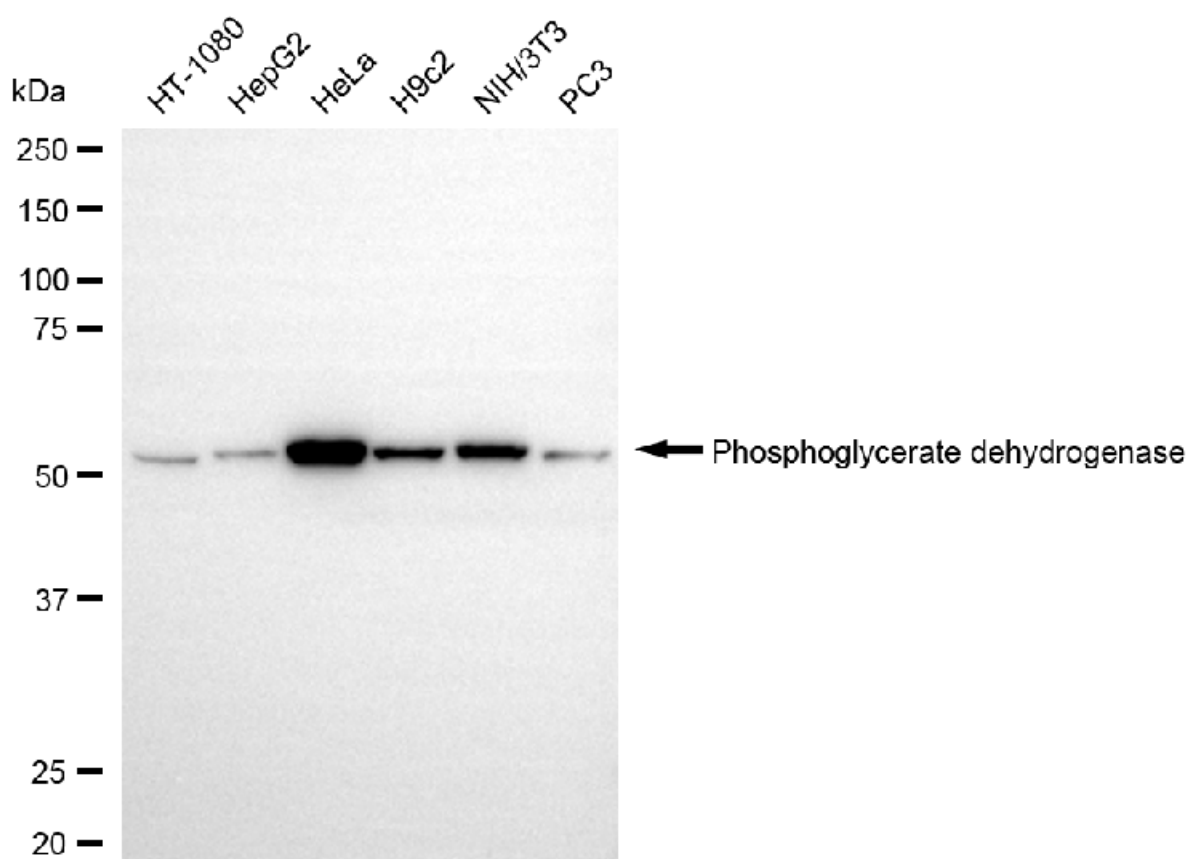
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Western blotting analysis using anti-phosphoglycerate dehydrogenase antibody (Cat#5803). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phosphoglycerate dehydrogenase antibody (Cat#5803, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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