

KD-Validated Anti-PLOD2 Mouse Monoclonal Antibody



Catalog #: 65913

Aliases

PLOD2; Procollagen-Lysine,2-Oxoglutarate 5-Dioxygenase 2; LH2; TLH; Procollagen Lysyl Hydroxylase 2; Telopeptidyl Lysyl Hydroxylase; Lysyl Hydroxylase 2; Lysyl Hydroxylase 2; EC 1.14.11.4; Procollagen-Lysine, 2-Oxoglutarate 5-Dioxygenase (Lysine Hydroxylase) 2; Procollagen-Lysine, 2-Oxoglutarate 5-Dioxygenase 2; Procollagen-Lysine 5-Dioxygenase; Telo peptide Lysyl Hydroxylase; Lysine Hydroxylase 2; BRKS2

Background

NCBI Gene Entry: [5352](#)

UniProt Entry: [O00469](#)

Application Information

Molecular Weight: Predicted, 85 kDa; observed, 95 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5800

Species Reactivity: Human

Applications Tested: Western blotting (WB)

Immunogen

Recombinant protein of human PLOD2

Isotype

Mouse IgG1

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

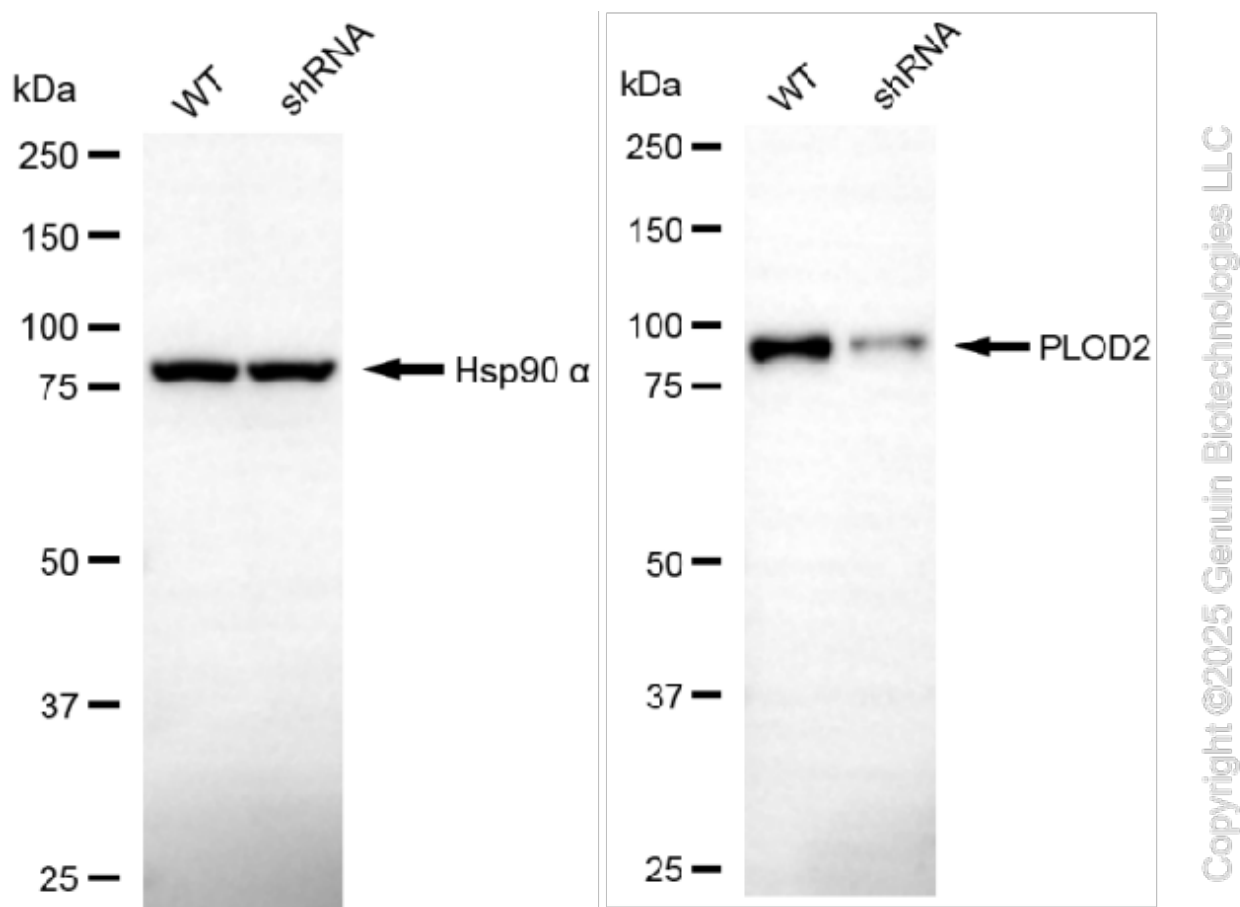
SUPPORT

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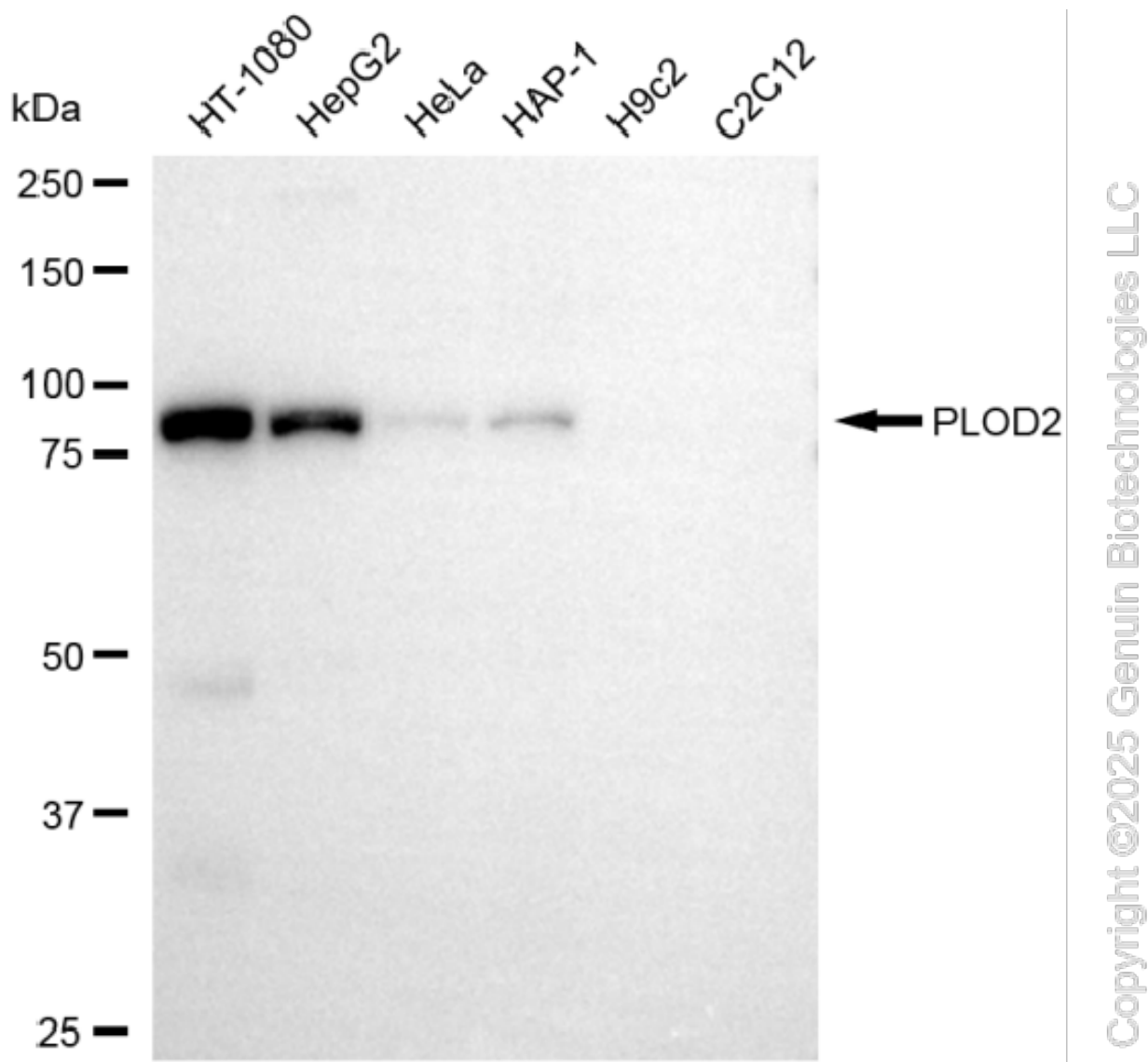
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Western blotting analysis using anti-PLOD2 antibody (Cat#65913). PLOD2 expression in wild-type (WT) and PLOD2 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PLOD2 antibody (Cat#65913, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-PLOD2 antibody (Cat#65913). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PLOD2 antibody (Cat#65913, 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).