

Catalog #: 5847

Aliases

HPGD; 15-Hydroxyprostaglandin Dehydrogenase; SDR36C1; Short Chain Dehydrogenase/Reductase Family 36C Member 1; 15-Hydroxyprostaglandin Dehydrogenase (NAD(+)); 15-Hydroxyprostaglandin Dehydrogenase [NAD(+)]; Hydroxyprostaglandin Dehydrogenase 15-(NAD); Prostaglandin Dehydrogenase 1; EC 1.1.1.141; 15-PGDH; PGDH1; Short Chain Dehydrogenase/Reductase Family 36C, Member 1; NAD⁺-Dependent 15-Hydroxyprostaglandin Dehydrogenase; Eicosanoid/Docosanoid Dehydrogenase [NAD(+)]; Eicosanoid/Docosanoid Dehydrogenase; EC 1.1.1.232; EC 1.1.1.-; EC 1.1.1; PHOAR1; PGDH

Background

Gene Name: HPGD

NCBI Gene Entry: [3248](#)

UniProt Entry: [P15428](#)

Application Information

Molecular Weight: Predicted, 29 kDa, observed, 25 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5160

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human HPGD

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

Flow Cytometry (FCM): 1:2,000

SUPPORT

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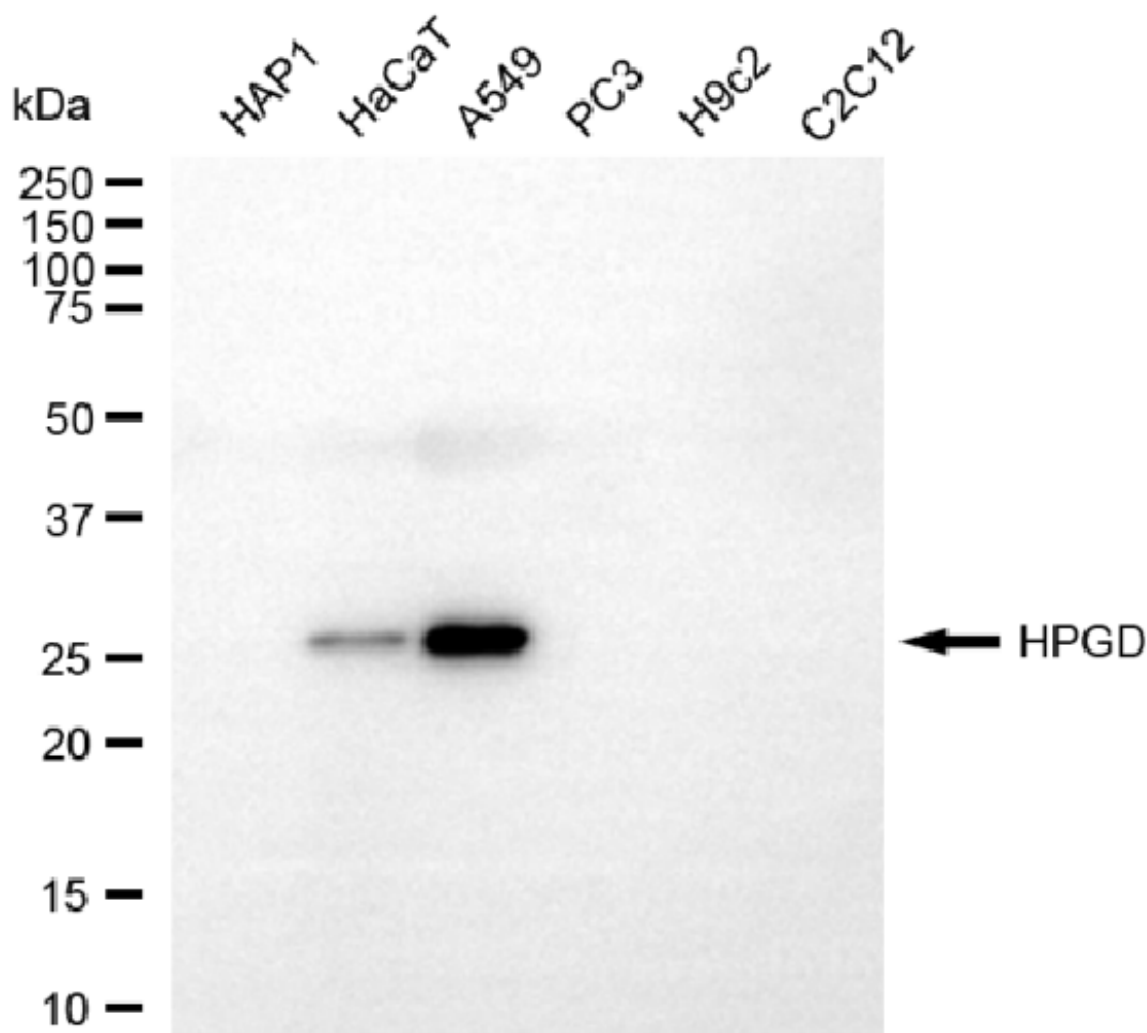
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Validation Data



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Western blotting analysis using anti-HPGD antibody (Cat#5847). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HPGD antibody (Cat#5847, 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).

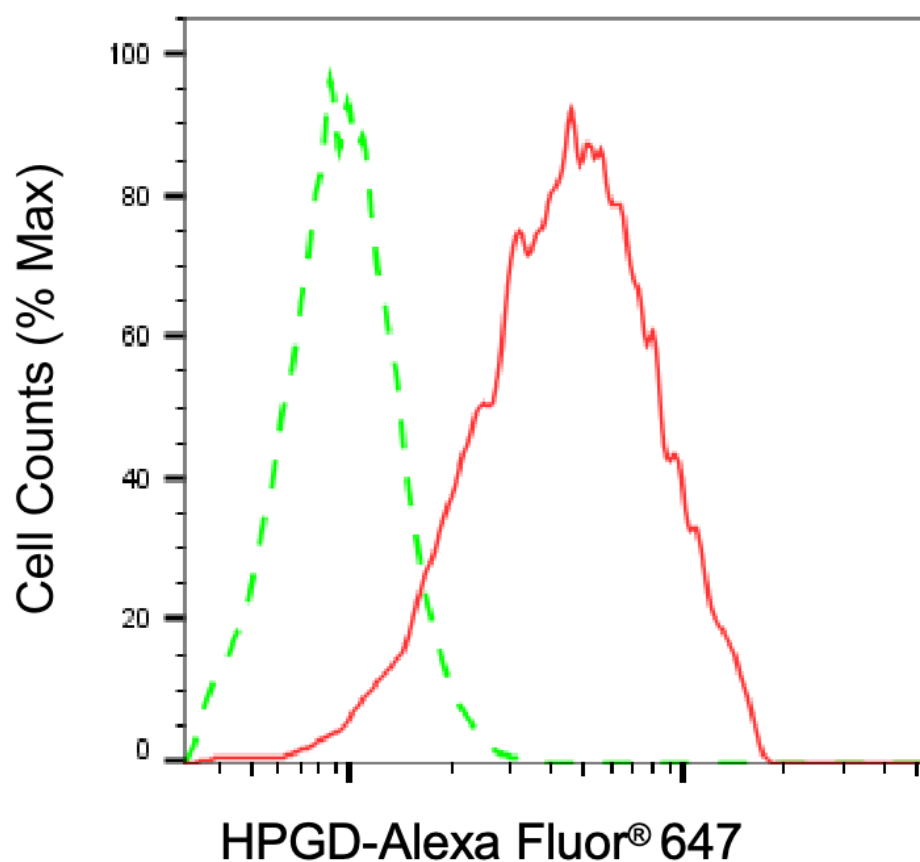
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Flow cytometric analysis of HPGD expression in A549 cells using anti-HPGD antibody (Cat#5847, 1:2,000). Green, isotype control; red, HPGD.

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