

Anti-Phospho-PTS (S19) Recombinant Rabbit Monoclonal Antibody



Catalog #: 2430

Aliases

6-Pyruvoyltetrahydropterin Synthase; PTPS; 6-Pyruvoyl Tetrahydrobiopterin Synthase; PTP Synthase; EC 4.2.3.12

Background

Gene Name: PTS

NCBI Gene Entry: [5805](#)

UniProt Entry: [Q03393](#)

Application Information

Molecular Weight: Predicted, 16 kDa; observed, 21 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB800

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Phospho-PTS (S19)

Isotype

Rabbit IgG

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): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

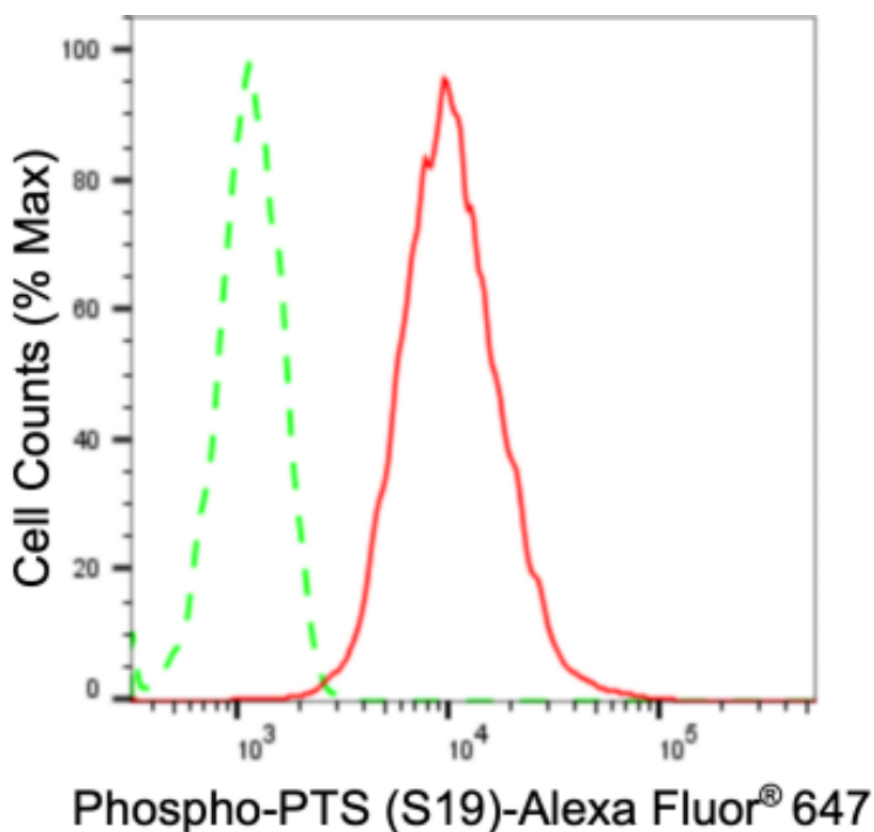
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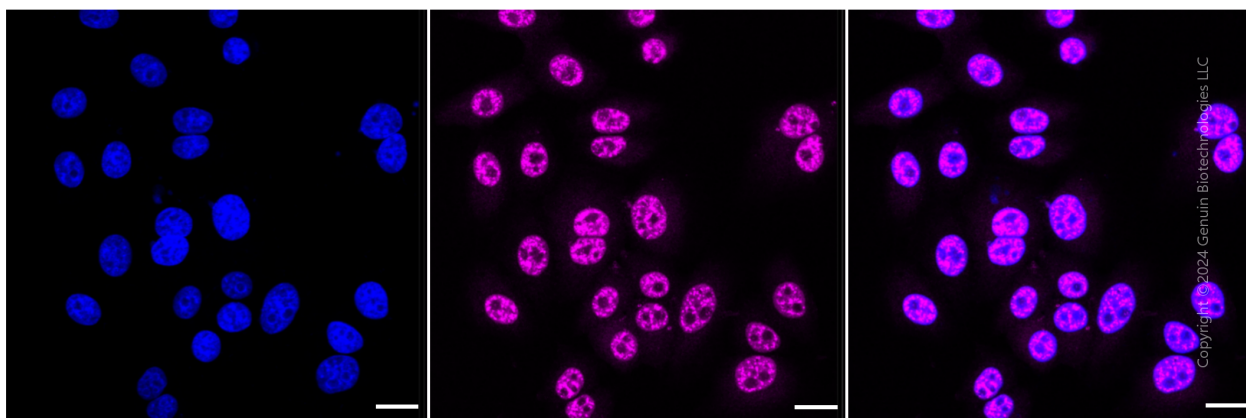
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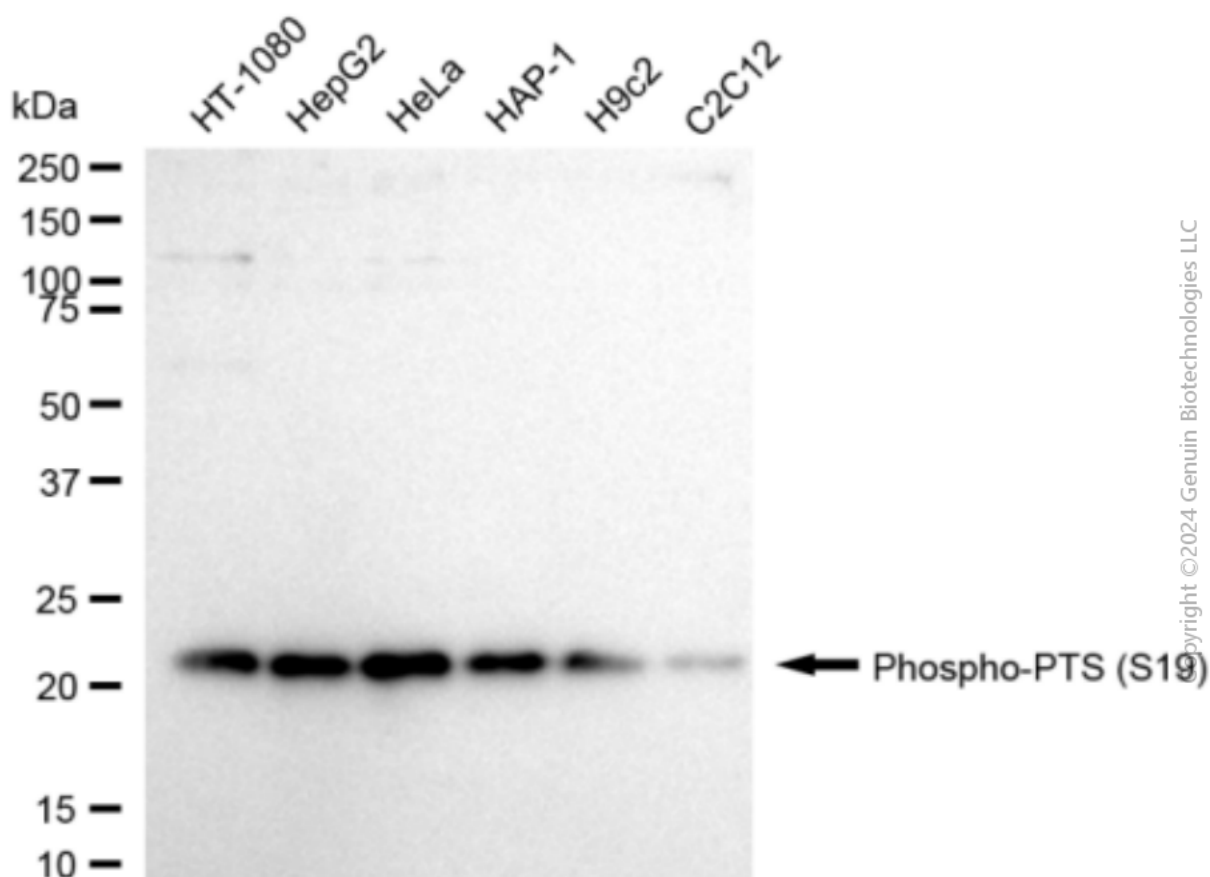


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Flow cytometric analysis of Phospho-PTS (S19) expression in HepG2 cells using anti-Phospho-PTS (S19) antibody (Cat#2430, 1:2,000). Green, isotype control; red, Phospho-PTS (S19).



Immunocytochemical staining of HepG2 cells with anti-Phospho-PTS (S19) antibody (Cat#2430, 1:1,000). Nuclei were stained blue with DAPI; Phospho-PTS (S19) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.



Western blotting analysis using anti-Phospho-PTS (S19) antibody (Cat#2430). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-PTS (S19) antibody (Cat#2430, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).