9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Glucose 6 phosphate isomerase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1529

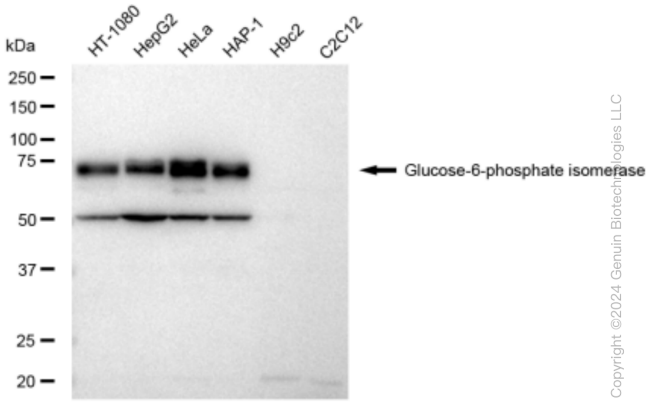
Product Overview

Name	KD-Validated Anti-Glucose 6 phosphate isomerase Rabbit Monoclonal Antibody
Accession(Primary)	P06744
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Glucose 6 phosphate isomerase
Species Reactivity	Human
Calculated MW	Predicted, 63 kDa , observed, 63 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Target information (P06744)

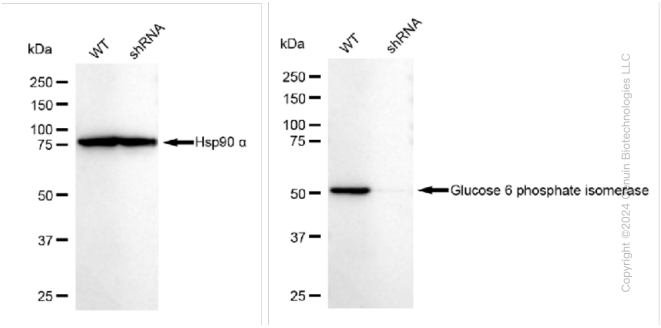
Gene Name	GPI
About Gene Symbol	GPI (Glucose-6-Phosphate Isomerase) is a metabolic enzyme involved in adaptive immunity. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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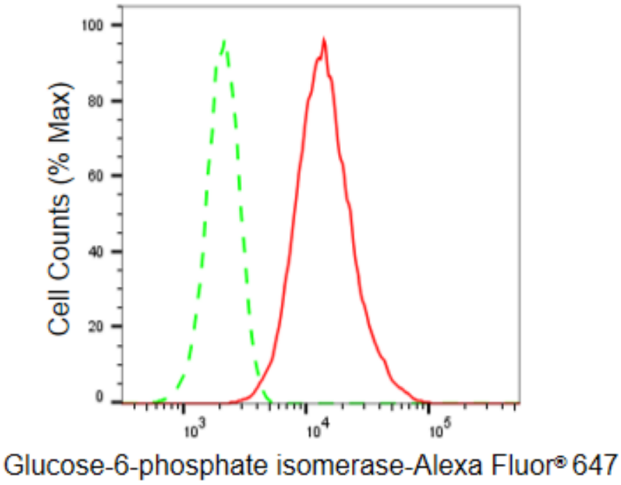
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Western blotting analysis using anti-Glucose-6-phosphate isomerase antibody (Cat#ABG1529). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Glucose-6-phosphate isomerase antibody (Cat#ABG1529, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-Glucose 6 phosphate isomerase antibody (Cat#ABG1529). Glucose 6 phosphate isomerase expression in wild type (WT) and Glucose 6 phosphate isomerase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Glucose 6 phosphate isomerase antibody (Cat#ABG1529, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Glucose-6-phosphate isomerase expression in HeLa cells using Glucose-6-phosphate isomerase antibody (Cat#ABG1529, 1:2,000). Green, isotype control; red, Glucose-6-phosphate isomerase.