9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-PAICS Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG2077

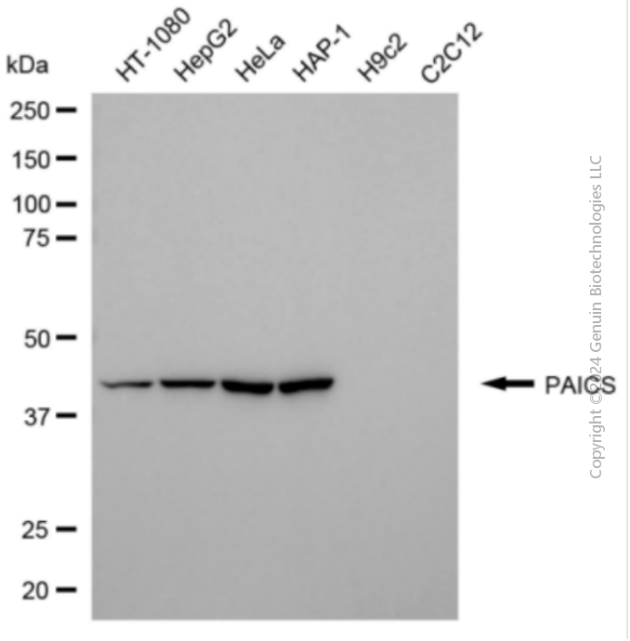
Product Overview

Name	KD-Validated Anti-PAICS Mouse Monoclonal Antibody
Accession(Primary)	P22234
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Immunogen	Recombinant protein of human PAICS
Species Reactivity	Human
Calculated MW	Predicted, 47 kDa, observed, 43 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500

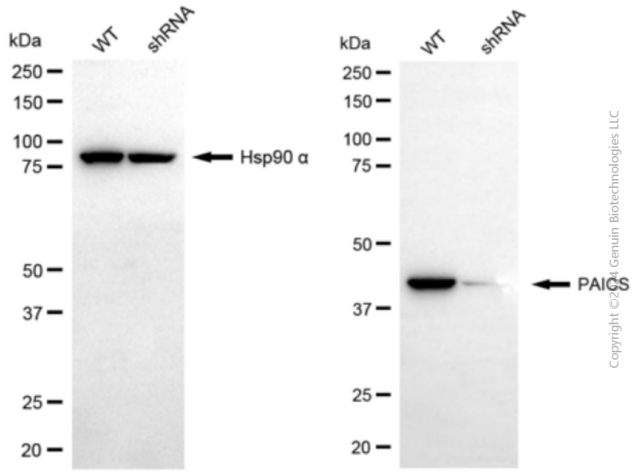
Target information (P22234)

Gene Name	PAICS
About Gene Symbol	PAICS (Phosphoribosylaminoimidazole Carboxylase) is a biosynthetic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanism

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Western blotting analysis using anti-PAICS antibody (Cat#ABG2077). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PAICS antibody (Cat#ABG2077, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-PAICS antibody (Cat#ABG2077). PAICS expression in wild-type (WT) and PAICS shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PAICS antibody (Cat#ABG2077, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.