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

KD-Validated Anti-COX5B Rabbit Monoclonal Antibody

Rabbit monoclonal Antibody

ABG2200

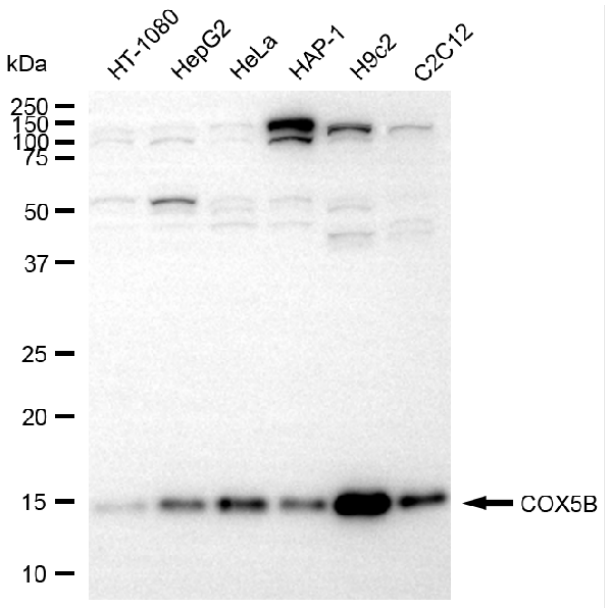
Product Overview

Name	KD-Validated Anti-COX5B Rabbit Monoclonal Antibody
Accession(Primary)	P10606
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human COX5B
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 14 kDa, observed, 14 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:1,000

Target information (P10606)

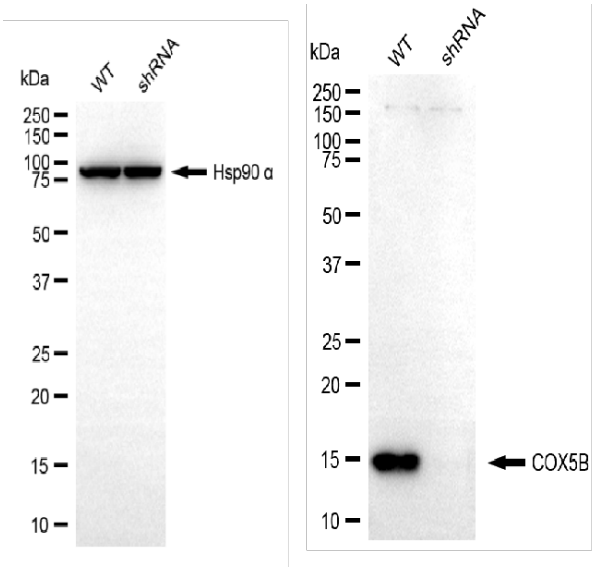
Gene Name	COX5B
About Gene Symbol	COX5B (Cytochrome C Oxidase Subunit 5B) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identi

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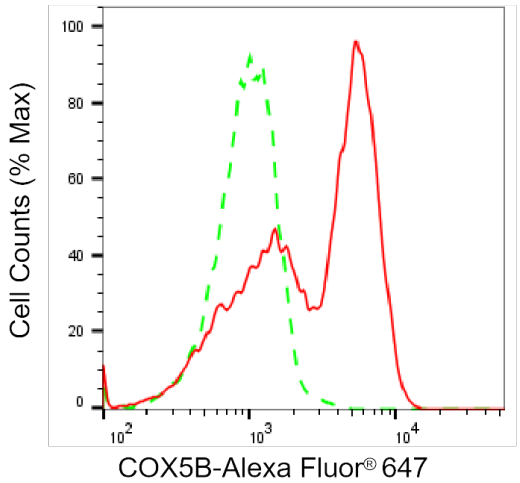
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Western blotting analysis using anti-COX5B antibody (Cat#ABG2200). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-COX5B antibody (Cat#ABG2200, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-COX5B antibody (Cat#ABG2200). COX5B expression in wild-type (WT) and COX5B 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-COX5B antibody (Cat#ABG2200, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of COX5B expression in H9c2 cells using anti-COX5B antibody (Cat#ABG2200, 1:2,000). Green, isotype control; red, COX5B.