

KD-Validated Anti-COX IV Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

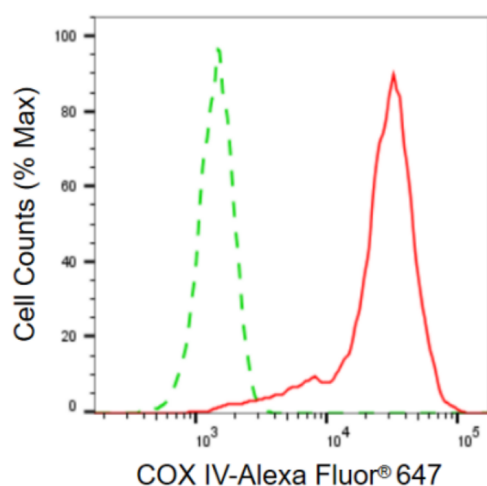
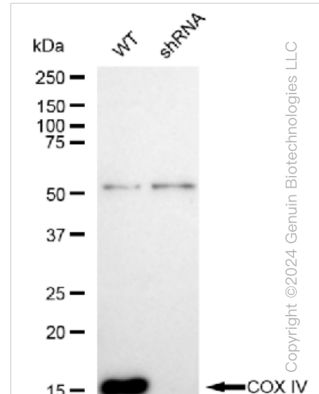
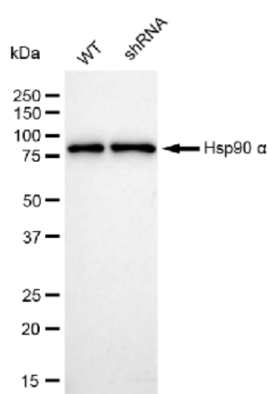
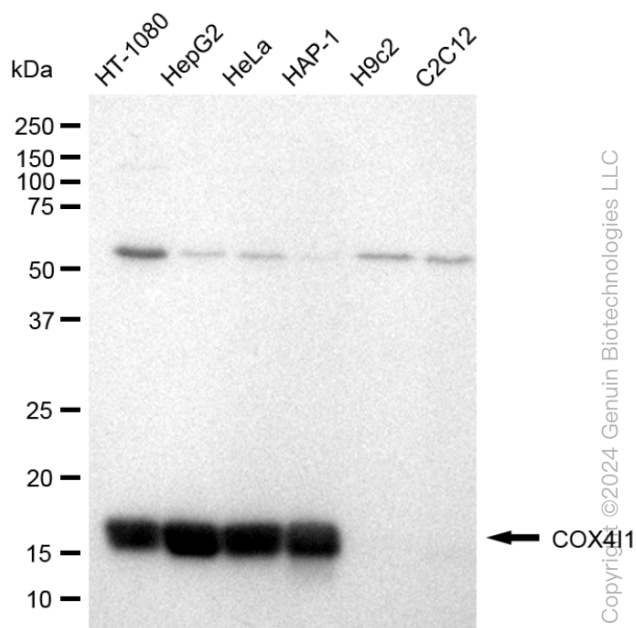
ABG1216

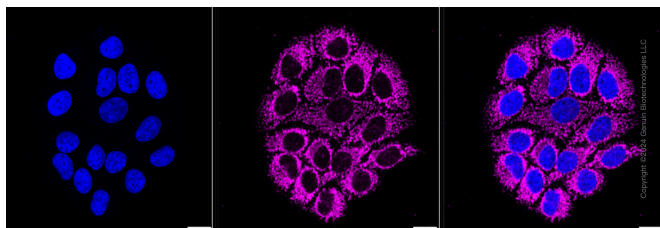
Product Overview

Name	KD-Validated Anti-COX IV Rabbit Monoclonal Antibody
Accession(Primary)	P13073
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human COX IV
Species Reactivity	Human
Calculated MW	Predicted, 20 kDa, observed, 20 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 Immunocytochemical (IC): 1:1,000

Target information (P13073)

Gene Name	COX4I1
About Gene Symbol	COX4I1 (Cytochrome C Oxidase Subunit 4I1) 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 identify therapeutic targets.





Immunocytochemical staining of HepG2 cells with COX IV antibody (Cat#ABG1216, 1:1,000). Nuclei were stained blue with DAPI; COX IV was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.