

Product Datasheet

Anti-COX4-1 Antibody (orb323124)

Description	Mouse monoclonal antibody to COX4-1
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, WB
Immunogen	Recombinant protein corresponding to human COX4-1.
Target	COX4I1
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Monoclonal
Antibody Type	Primary Antibody
Source	Mouse
Uniprot ID	P10888, P19783, P13073
Entrez	12857, 29445, 1327
Dilution Range	WB: 1:1000-1:3000, IF/ICC: 1:100-1:200

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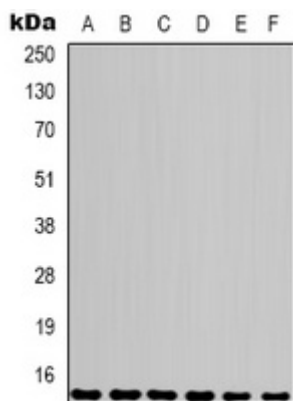
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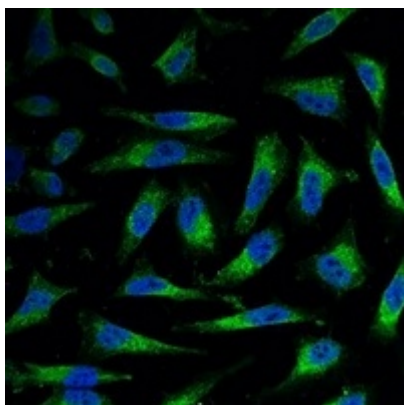
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Expiration Date

12 months from date of receipt.



Western blot analysis of COX4-1 expression in Hela (A), HepG2 (B), 293T (C), mouse heart (D), mouse muscle (E), rat heart (F) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 15 kD)



Immunofluorescent analysis of COX4-1 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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