

Anti-COX4/COX4I1 Antibody (R3D10)

Summary

Catalog No.	RHC96403
Clone ID	R3D10
Host species	Mouse
Tested applications	FCM: 1:200-1:400, IF: 1:200-1:1000, WB: 1:500-1:2000
Species reactivity	Human, Mouse, Rat, Monkey
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
Concentration	1 mg/ml
Purity	>95% as determined by SDS-PAGE.
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM, IF, WB
Target	Cytochrome c oxidase polypeptide IV, COX4, COX4I1, COX IV-1, Cytochrome c oxidase subunit 4 isoform 1, mitochondrial, Cytochrome c oxidase subunit IV isoform 1
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	P13073

Stability and Storage

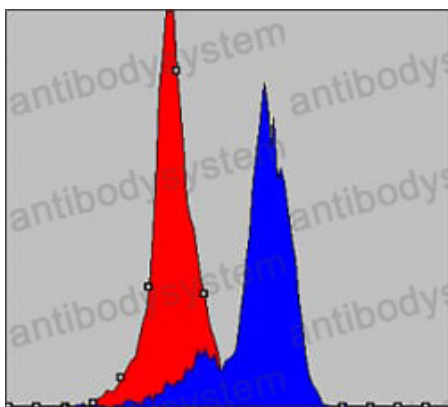
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

Note

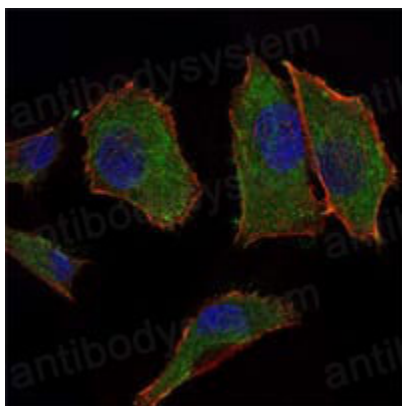
For research use only.

Data Image



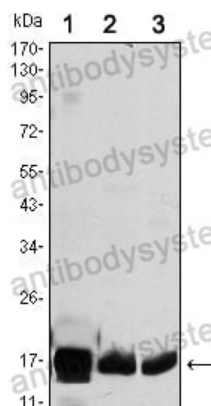
Flow Cytometry

Flow cytometric analysis of K562 cells using COX4I1 mouse mAb (blue) and negative control (red).



Immunofluorescence

Immunofluorescence analysis of PANC-1 cells using COX4I1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot

Western blot analysis using COX4I1 mouse mAb against HEK293 (1), A549 (2) and PC12 (3) cell lysate.