

Alexa Fluor® 647 Anti-COX4 + COX4L2 antibody [10G8D12C12] ab198318

画像数 1

製品の概要

製品名	Alexa Fluor® 647 Anti-COX4 + COX4L2 antibody [10G8D12C12]
製品の詳細	Alexa Fluor® 647 Mouse monoclonal [10G8D12C12] to COX4 + COX4L2
由来種	Mouse
標識	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
アプリケーション	適用あり: ICC/IF
種交差性	交差種: Human
免疫原	Full length native protein (purified) corresponding to Cow COX4 + COX4L2.
ポジティブ・コントロール	ICC/IF: HeLa cells.
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製品の特徴

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Avoid freeze / thaw cycle. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
精製度	IgG fraction
特記事項(精製)	This antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. ab110261 was judged as near homogeneity by SDS PAGE.
ポリ/モノ	モノクローナル
クローン名	10G8D12C12
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

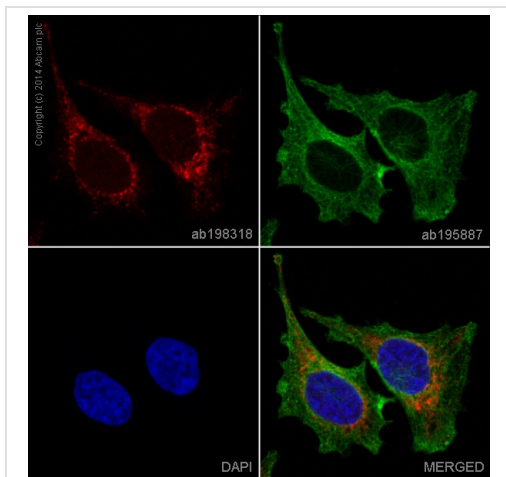
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab198318の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/50.

ターゲット情報

関連性	Cytochrome C Oxidase is located in the inner mitochondrial membrane and is the terminal enzyme complex of the mitochondrial electron transport chain. It collects electrons that are transferred from reduced cytochrome C and donates them to molecular oxygen, which is then reduced to water. It is composed of cytochrome A and cytochrome B, two copper atoms, and 13 different protein subunits, three of which are encoded by the mitochondrial DNA and ten others by nuclear DNA (mammals).
細胞内局在	Mitochondrial inner membrane

画像



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-COX4 + COX4L2 antibody [10G8D12C12] (ab198318)

ab198318 staining COX4 + COX4L2 in HeLa cells. The cells were fixed with 100% methanol (5 min), permeabilised in 0.1% Triton X-100 for 5 minutes and then blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated with ab198318 at 1/50 dilution (shown in red) and **ab195887**, Mouse monoclonal [DM1A] to alpha Tubulin (Alexa Fluor® 488, shown in green) at 1/167 dilution overnight at +4°C. Nuclear DNA was labelled in blue with DAPI.

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

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