abcam

Product datasheet

Anti-Quinone oxidoreductase antibody [2A9DD1] ab110310

画像数 2

製品の概要

製品名	Anti-Quinone oxidoreductase antibody [2A9DD1]
製品の詳細	Mouse monoclonal [2A9DD1] to Quinone oxidoreductase
由来種	Mouse
アプリケーション	**適用あり:** ICC/IF, IP
種交差性	**交差種:** Human
免疫原	Tissue, cells or virus. This information is considered to be commercially sensitive.
ポジティブ・コントロール	HeLa cells; Human liver and HepG2 lysates.
特記事項	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As Product was previously marketed under the MitoSciences sub-brand.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
特記事項（精製）	ab110310 was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. Purity: >95% by SDS-PAGE.
ポリ/モノ	モノクローナル
クローン名	2A9DD1

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ab110310の使用に適用されます

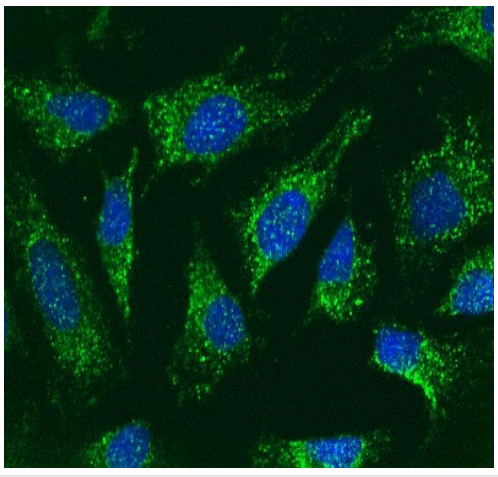
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 2 µg/ml. For 2 hours.
IP		Use at an assay dependent concentration.

ターゲット情報

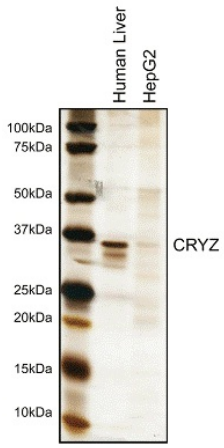
機能	Does not have alcohol dehydrogenase activity. Binds NADP and acts through a one-electron transfer process. Orthoquinones, such as 1,2-naphthoquinone or 9,10-phenanthrenequinone, are the best substrates (in vitro). May act in the detoxification of xenobiotics. Interacts with (AU)-rich elements (ARE) in the 3'-UTR of target mRNA species. Enhances the stability of mRNA coding for BCL2. NADPH binding interferes with mRNA binding.
組織特異性	Only very low amounts in the lens.
配列類似性	Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.
細胞内局在	Cytoplasm.

画像



Immunocytochemistry/ Immunofluorescence - Anti-Quinone oxidoreductase antibody [2A9DD1] (ab110310)

Immunocytochemistry analysis using ab110310 at 2µg/ml staining Quinone oxidoreductase in HELa cells (4% paraformaldehyde fixed and 0.1% Triton X-100 permeabilized) followed by Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1 hour (green).



Immunoprecipitation - Anti-Quinone oxidoreductase antibody [2A9DD1] (ab110310)

Using MitoSciences' standard immunoprecipitation protocol, ab110310 precipitates the 35kDa Quinone oxidoreductase protein from human liver and HepG2 lysate. Identity of this protein was confirmed by mass spectrometry. This gel was stained with silver nitrate.

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