

Anti-COX1 / Cyclooxygenase 1 antibody [5F6/F4] ab695

★★★★★ [5 Abreviews](#) [21 References](#) [画像数 1](#)

製品の概要

製品名	Anti-COX1 / Cyclooxygenase 1 antibody [5F6/F4]
製品の詳細	Mouse monoclonal [5F6/F4] to COX1 / Cyclooxygenase 1
由来種	Mouse
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Mouse
免疫原	Tissue, cells or virus corresponding to Human COX1/ Cyclooxygenase 1. A preparation of intracellular proteins of the human cell line HL60.
ポジティブ・コントロール	WB: Huh-7 whole cell lysate. COX1 protein standard prepared from ram seminal vesicles. Flow Cytometry: NIH/3T3 cells. IHC-P: Human anal cancer tissue. Mouse kidney tissue. IHC-Fr: Human breast and breast tumor tissue. IP: Huh-7 whole cell lysate.
特記事項	<p>Please note that we have received reports from customers working with this antibody that they obtain two strong bands in Western blot. A single band at around 72kDa is expected. One customer reported that when tested with three different human cell lines two strong bands are obtained, one between 40 - 50kDa and other other between 62 - 83kDa. It is possible that a degraded form of the enzyme is detected or the bands may correspond to different glycosylation states.</p> <p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide FCS free

精製度	Immunogen affinity purified
ポリ/モノ	モノクローナル
クローン名	5F6/F4
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

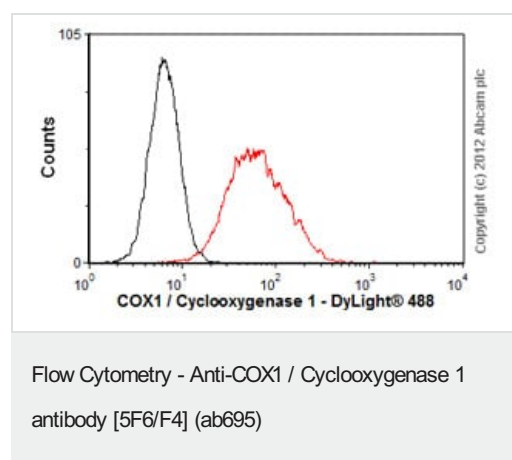
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab695の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 1-2µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	May play an important role in regulating or promoting cell proliferation in some normal and neoplastically transformed cells.
パスウェイ	Lipid metabolism; prostaglandin biosynthesis.
配列類似性	Belongs to the prostaglandin G/H synthase family. Contains 1 EGF-like domain.
細胞内局在	Microsome membrane. Endoplasmic reticulum membrane.

画像



Overlay histogram showing NIH/3T3 (Mouse embryo fibroblast cell line) cells stained with ab695 (red line). The cells were fixed with 80% methanol (5 minutes) and then permeabilized with 0.1% PBS-Tween for 20 minutes. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab695, 2 µg/1x10⁶ cells) for 30 minutes at 22°C. The secondary antibody used was DyLight[®] 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 minutes at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2 µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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