

Anti-Liver Carboxylesterase 1/CES1 antibody [EP1375Y] ab68190

リコンビナント RabMAb[®]

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製品の概要

製品名	Anti-Liver Carboxylesterase 1/CES1 antibody [EP1375Y]
製品の詳細	Rabbit monoclonal [EP1375Y] to Liver Carboxylesterase 1/CES1
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB 適用なし: ICC/IF or IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Liver Carboxylesterase 1/CES1 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	Flow Cyt (intra): U-937 cells; WB: U-937 cells, mouse and rat kidney lysates.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.5% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EP1375Y

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ab68190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確認ください。

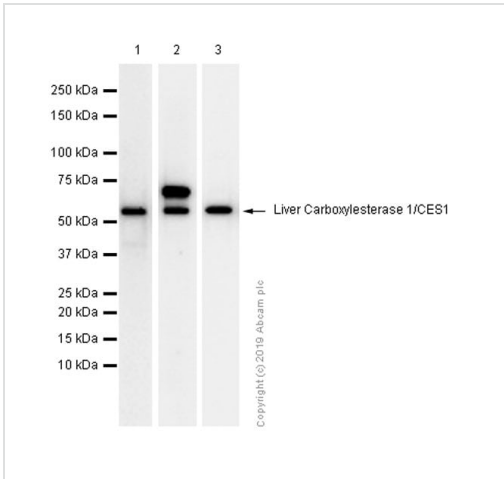
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/70. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/25000 - 1/50000. Detects a band of approximately 55 kDa (predicted molecular weight: 62 kDa).

追加情報 Is unsuitable for ICC/IF or IHC-P.

ターゲット情報

機能	Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Hydrolyzes aromatic and aliphatic esters, but has no catalytic activity toward amides or a fatty acyl-CoA ester. Hydrolyzes the methyl ester group of cocaine to form benzoylecgonine. Catalyzes the transesterification of cocaine to form cocaethylene. Displays fatty acid ethyl ester synthase activity, catalyzing the ethyl esterification of oleic acid to ethyloleate.
組織特異性	Expressed predominantly in liver with lower levels in heart and lung.
配列類似性	Belongs to the type-B carboxylesterase/lipase family.
翻訳後修飾	Contains sialic acid. Cleavage of the signal sequence can occur at 2 positions, either between Trp-17 and Gly-18 or between Gly-18 and His-19.
細胞内局在	Endoplasmic reticulum lumen.

画像



Western blot - Anti-Liver Carboxylesterase 1/CES1 antibody [EP1375Y] (ab68190)

All lanes : Anti-Liver Carboxylesterase 1/CES1 antibody [EP1375Y] (ab68190) at 1/50000 dilution (Purified)

Lane 1 : U-937 (Human histiocytic lymphoma monocyte) whole cell lysate

Lane 2 : Mouse kidney lysate

Lane 3 : Rat kidney lysate

Lysates/proteins at 15 µg per lane.

Secondary

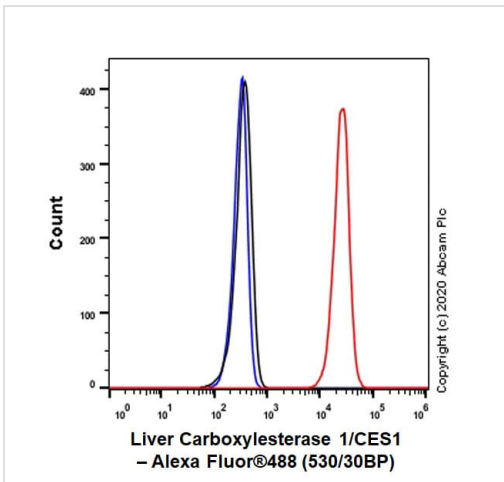
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 62 kDa

Observed band size: 60 kDa

The molecular weight observed is consistent with what has been described in the literature (PMID: 21049984 and PMID: 30513753).

Blocking Buffer and concentration: 5% NFDM/TBST



Flow Cytometry (Intracellular) - Anti-Liver Carboxylesterase 1/CES1 antibody [EP1375Y] (ab68190)

Intracellular Flow Cytometry analysis of U-937 (Human histiocytic lymphoma monocyte) cells labeling Liver Carboxylesterase 1/CES1 with Purified ab68190 at 1/70 dilution (10 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Liver Carboxylesterase 1/CES1 antibody
[EP1375Y] (ab68190)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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