

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

 RabMab

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概述

产品名称	Anti-Liver Carboxylesterase 1/CES1抗体[EP1375Y]
描述	兔单克隆抗体[EP1375Y] to Liver Carboxylesterase 1/CES1
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB 不适用于: ICC/IF or IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Liver Carboxylesterase 1/CES1 (C terminal). The exact sequence is proprietary.
阳性对照	Flow Cyt (intra): U-937 cells; WB: U-937 cells, mouse and rat kidney lysates.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMab[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMab[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.5% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EP1375Y

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab68190于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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).

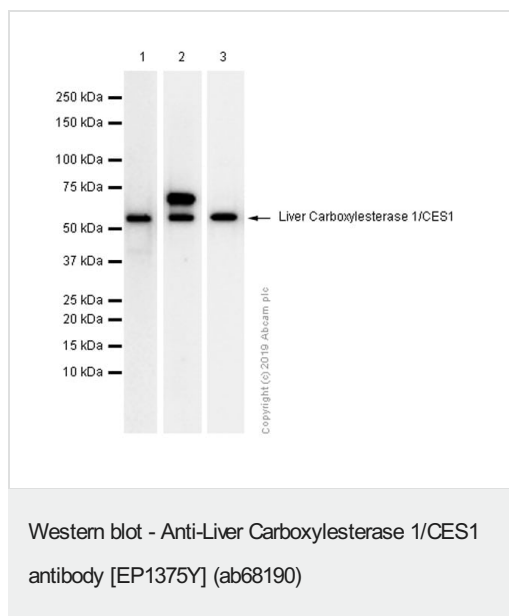
应用说明

Is unsuitable for ICC/IF or IHC-P.

靶标

功能	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.
组织特异性	Expressed predominantly in liver with lower levels in heart and lung.
序列相似性	Belongs to the type-B carboxylesterase/lipase family.
翻译后修饰	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.
细胞定位	Endoplasmic reticulum lumen.

图片



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

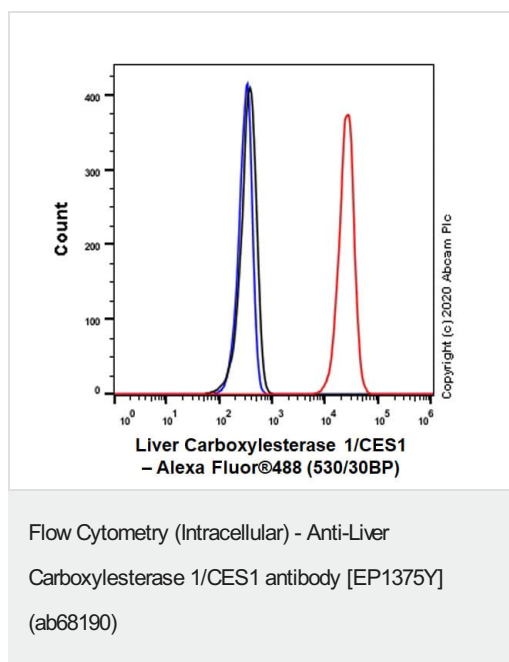
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

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



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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