

Product datasheet

Anti-liver FABP antibody [EPR5895(2)] α b129203

Recombinant **RabMAb**

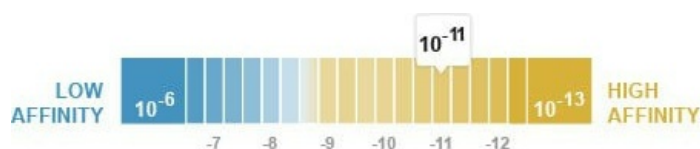
★★★★★ [1 Abreviews](#) [3 References](#) [4 Images](#)

Overview

Product name	Anti-liver FABP antibody [EPR5895(2)]
Description	Rabbit monoclonal [EPR5895(2)] to liver FABP
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide within Human liver FABP aa 50-150. The exact sequence is proprietary.
Positive control	Fetal liver, Mouse liver, Human small intestine and HepG2 whole cell lysate (ab7900); Permeabilized HepG2 cells.
General notes	<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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 4.55 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR5895(2)
Isotype	IgG

Applications

The Abpromise guarantee Our **[Abpromise guarantee](#)** covers the use of ab129203 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

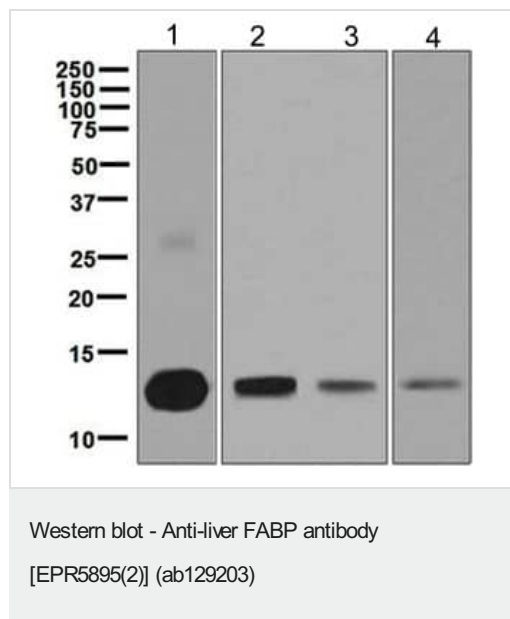
Application	Abreviews	Notes
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 14 kDa.

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

Function	Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport.
Sequence similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Domain	Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-liver FABP antibody [EPR5895(2)] (ab129203) at 1/1000 dilution

Lane 1 : Fetal liver tissue lysate

Lane 2 : Mouse liver tissue lysate

Lane 3 : Human small intestine lysate

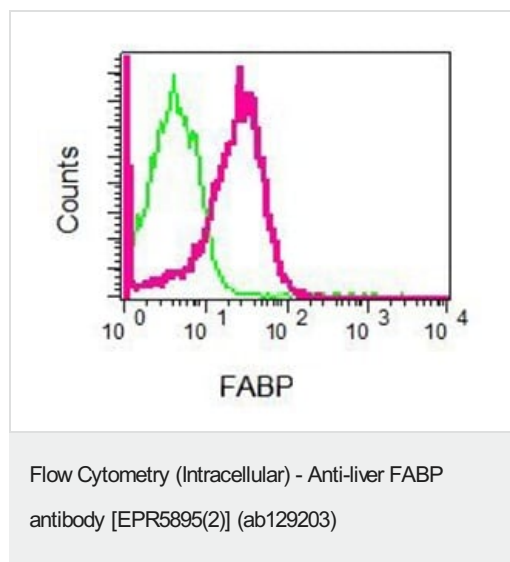
Lane 4 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

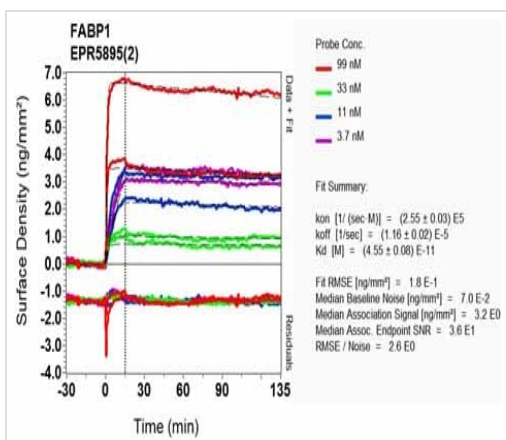
Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 14 kDa



ab129203, at 1/10 dilution, staining FABP in permeabilized HepG2 cells by intracellular flow cytometry (Red). Green represents rabbit IgG negative control.



SPR Scanning - Anti-liver FABP antibody

[EPR5895(2)] (ab129203)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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 FABP antibody [EPR5895(2)] (ab129203)

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

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