Datasheet for ABIN533788

anti-FABP1 antibody (AA 1-127)

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Overview

Quantity:	100 µL
Target:	FABP1
Binding Specificity:	AA 1-127
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FABP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant FABP1.
Immunogen:	Recombinant protein corresponding to amino acids 1-127 of human FABP1.
Clone:	2G4
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	FABP1

Target Details

Alternative Name:	FABP1 (FABP1 Products)
Gene ID:	2168
Pathways:	Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha

Application Details

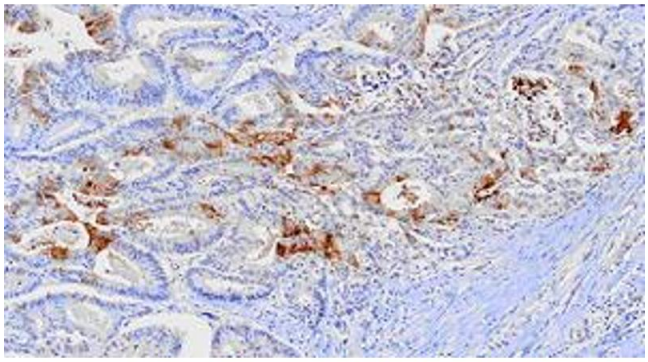
Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS, pH 7.4 (10 % glycerol, 0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Nakamura, Sugaya, Kawagoe, Ueda, Osada, Koide: "Effect of pitavastatin on urinary liver-type fatty acid-binding protein levels in patients with early diabetic nephropathy." in: **Diabetes Care**, Vol. 28, Issue 11, pp. 2728-32, (2005) (PubMed). Atshaves, Storey, Huang, Schroeder: "Liver fatty acid binding protein expression enhances branched-chain fatty acid metabolism." in: **Molecular and cellular biochemistry**, Vol. 259, Issue 1-2, pp. 115-29, (2004) (PubMed).



Immunohistochemistry

Image 1. Paraffin embedded sections of human colon cancer tissue were incubated with FABP1 monoclonal antibody, clone 2G4 (1:100).

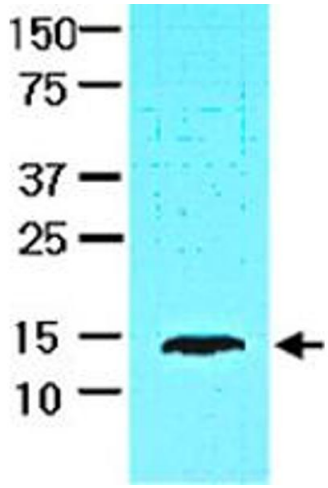


Image 2. Cell lysate of HepG2 (30 ug) was resolved by SDS-PAGE and probed with FABP1 monoclonal antibody, clone 2G4 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

