

Datasheet for ABIN4909326

**anti-FABP4 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FABP4
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FABP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Purified His-tagged FABP4 protein was used to produced this monoclonal antibody.
Clone:	5C1
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

## Target Details

Target:	FABP4
Alternative Name:	FABP4 ( <a href="#">FABP4 Products</a> )

## Target Details

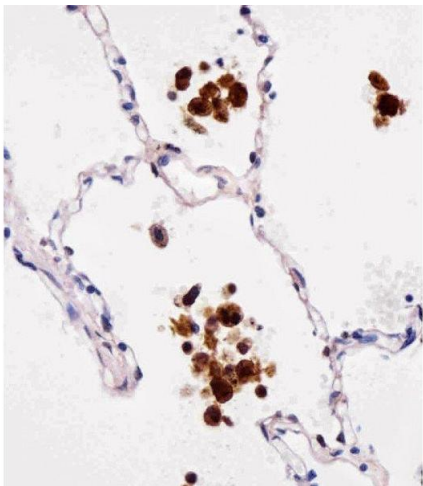
Background:	Synonyms: aP2, ALBP, AFABP, A-FABP, HEL-S-104, Fatty acid-binding protein, adipocyte, Adipocyte lipid-binding protein, Adipocyte-type fatty acid-binding protein, Fatty acid-binding protein 4, FABP4  Background: Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus (By similarity).
Gene ID:	2167
UniProt:	<a href="#">P15090</a>
Pathways:	<a href="#">Brown Fat Cell Differentiation</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400
Restrictions:	For Research Use only

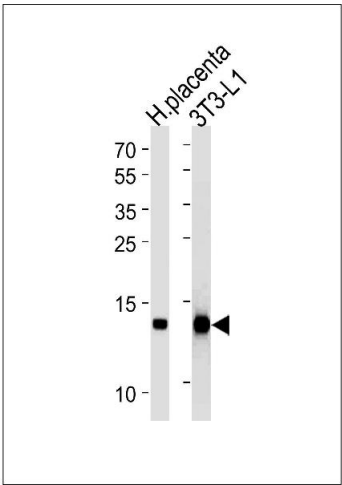
## Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Paraformaldehyde-fixed, paraffin embedded Human lungtissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with ANTIBODY Monoclonal Antibody (bsm-51247M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



**Western Blotting**

**Image 2.** Lane 1: Human placenta lysates, Lane 2: 3T3-L1 Cell lysates, probed with FABP4 (1105CT1.1.1) Monoclonal Antibody, unconjugated (bsm-51247M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.