

FABP4 Ab

[Images\(1\)](#)

Cat.#: BF0571	Concn.: ~1mg/ml	Mol.Wt.: 14kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000
 *The optimal dilutions should be determined by the end user.

Reactivity: Human

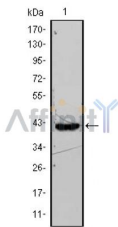
Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human FABP4 expressed in E. Coli.

Uniprot: P15090

Description: Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long chain fatty acids, their coenzymes and other hydrophobic ligands and small molecules in the cytoplasm. It is thought that the role of these proteins includes fatty acid uptake, intracellular lipid transport and metabolism. FABP4 encodes the fatty acid binding protein found in adipocytes. FABP4 knockout mice fed a high-fat and high-calorie diet become obese but develop neither insulin resistance nor diabetes, suggesting that this protein might be a link between obesity and insulin resistance and diabetes A related study in humans indicated a similar pattern, suggesting that FABP4 may be a potential therapeutic target in the treatment of these disorders.



Western blot analysis using FABP4 mouse mAb against FABP4-hIgGfC transfected HEK293 cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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