

Product datasheet for **CF813959**

FABP3 Mouse Monoclonal Antibody [Clone ID: OT11H7]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | OT11H7 |
| Applications: | ELISA |
| Recommended Dilution: | ELISA 1:5000-10000 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human FABP3 (NP_004093) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Predicted Protein Size: | 14.9 kDa |
| Gene Name: | fatty acid binding protein 3 |
| Database Link: | NP_004093 Entrez Gene 2170 Human P05413 |



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| Background: | The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016] |
| Synonyms: | FABP11; H-FABP; M-FABP; MDGI; O-FABP |
| Protein Pathways: | PPAR signaling pathway |