

**H-FABP mouse mAb**

<b>Catalog No :</b>	YM1442
<b>Reactivity :</b>	Human(predicted:Mouse)
<b>Applications :</b>	sELISA;Detector
<b>Target :</b>	H-FABP
<b>Fields :</b>	>>PPAR signaling pathway
<b>Gene Name :</b>	fabp3
<b>Human Gene Id :</b>	2170
<b>Human Swiss Prot No :</b>	P05413
<b>Mouse Swiss Prot No :</b>	P11404
<b>Immunogen :</b>	Purified recombinant H-FABP protein expressed in E.coli
<b>Specificity :</b>	
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	ELISA 1:10000-20000
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	

**Cell Pathway :** PPAR;

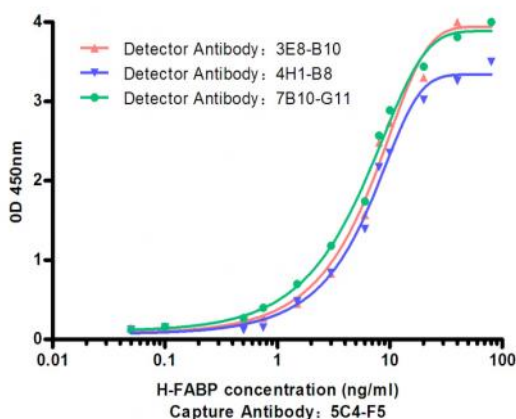
**Background :** The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism 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],

**Function :** domain:Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.,function:FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,

**Subcellular Location :** Cytoplasm.

**Expression :** Fetal brain cortex,Heart,Liver,Mammary gland,Skeletal muscle,

## Products Images



Standard Curve for H-FABP: Capture Antibody Mouse mAb (5C4-F5) to H-FABP at 4µg/ml and Detector Antibody Mouse mAb(3E8-B10, 7B10-G11, 4H1-B8) to H-FABP at 0.08 µg/ml.