



# FABP3 Mouse mAb

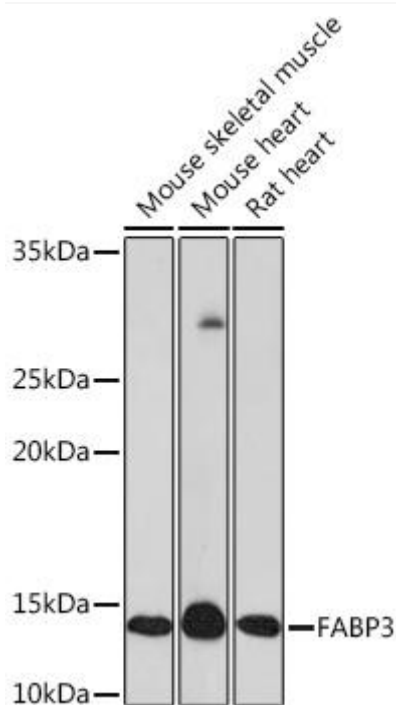
Catalog No	YP-mAb-18397
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	
Protein Name	
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human FABP3 (P05413).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:500 - 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MDGI; FABP11; H-FABP; M-FABP; O-FABP; FABP3
Observed Band	14kDa
Cell Pathway	
Tissue Specificity	
Function	
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
matters needing attention	Avoid repeated freezing and thawing!



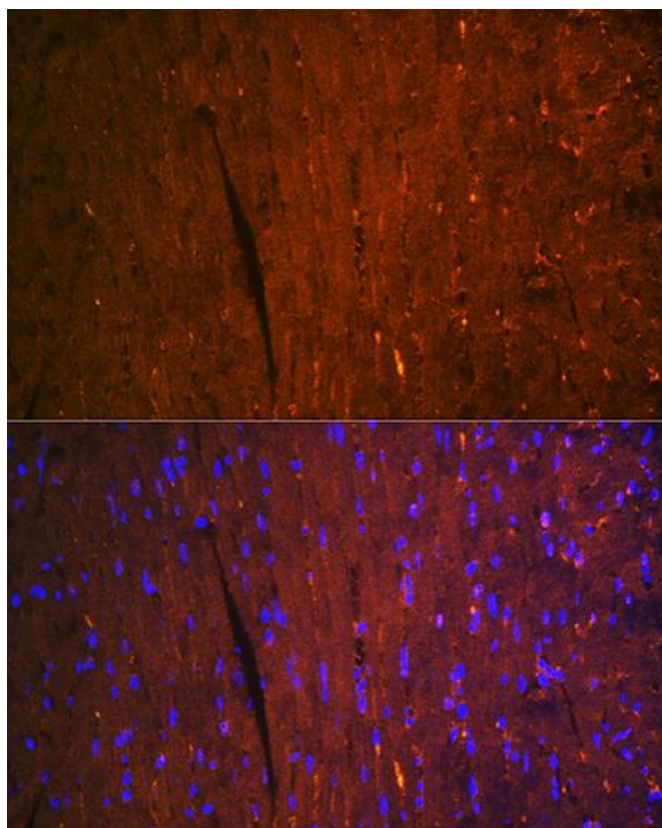
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of extracts of various cell lines, using FABP3 Mouse mAb (A8789) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



Immunofluorescence analysis of mouse heart using FABP3 Mouse mAb (A8789) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

