

32-6082: Mouse Anti Human Fatty Acid Binding Protein-1(Clone:P2G4AT.)

Clonality :	Monoclonal
Clone Name :	P2G4AT.
Application :	ELISA,WB ,IHC
Gene :	GOT2
Gene ID :	2806
Uniprot ID :	P00505
Format :	Purified
Alternative Name :	Fatty acid-binding protein 1 liver,L-FABP,FABPL,FABP-1,FABP1,Z-protein.
Isotype :	Mouse IgG1 heavy chain and k light chain.
Immunogen Information :	Anti-human FABP1 mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human FABP1 amino acids 1-127 purified from E. coli.

Description

FABP1 (Fatty acid binding protein1) encodes the fatty acid binding protein found in liver. FABP1 is composed of ten antiparallel α strands that form a barrel with a bigger binding pocket than the other FABPs allowing it to accommodate two fatty acids. This protein binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm; it may be involved in intracellular lipid transport and metabolism.

Product Info

Amount :	20 μ g
Purification :	FABP1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

FABP1 antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot is 1:1,000 ~ 1:2,000 and immunohistochemistry analysis is 1:100~300. Recommended starting dilution for Western blot is 1:1,000 and Immunohistochemistry is 1:100.