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I-FABP / FABP2 Antibody (clone 9A9B7B3)

Mouse Monoclonal Antibody
Catalog # ALS13179

Specification

I-FABP / FABP2 Antibody (clone 9A9B7B3) - Product Information

Application	**IF**
Primary Accession	P12104
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**15kDa KDa**

I-FABP / FABP2 Antibody (clone 9A9B7B3) - Additional Information

Gene ID 2169

Other Names
Fatty acid-binding protein, intestinal, Fatty acid-binding protein 2, Intestinal-type fatty acid-binding protein, I-FABP, FABP2, FABPI

Target/Specificity
Human FABP2

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
I-FABP / FABP2 Antibody (clone 9A9B7B3) is for research use only and not for use in diagnostic or therapeutic procedures.

I-FABP / FABP2 Antibody (clone 9A9B7B3) - Protein Information

Name FABP2

Synonyms FABPI

Function
FABPs are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.

Cellular Location
Cytoplasm.

Tissue Location

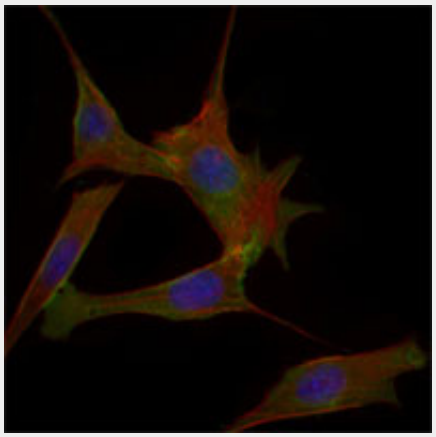
Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.

I-FABP / FABP2 Antibody (clone 9A9B7B3) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

I-FABP / FABP2 Antibody (clone 9A9B7B3) - Images



Immunofluorescence of 3T3-L1 cells using FABP2 mouse monoclonal antibody (green).

I-FABP / FABP2 Antibody (clone 9A9B7B3) - Background

FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long- chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.

I-FABP / FABP2 Antibody (clone 9A9B7B3) - References

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