

Mouse anti-H-FABP, clone 67D3 Monoclonal)

Clone no. 67D3

MONOSAN

Product name	Mouse anti-H-FABP, clone 67D3 Monoclonal)
Host	Mouse
Applications	IHC-fr,ELISA,IP,WB
Species reactivity	human, mouse, rat
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	67D3
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The monoclonal antibody 67D3 recognizes human heart-type fatty acid-binding protein (H-FABP) of both natural and recombinant origin. The H-FABP protein is derived from the human FABP3 gene. FABPs are small intracellular proteins (~13-14 kDa) with a high degree of tissue specificity that bind long chain fatty acids. They are abundantly present in various cell types and play an important role in the intracellular utilization of fatty acids, transport and metabolism. There are at least nine distinct types of FABP, each showing a specific pattern of tissue expression. Due to its small size, FABP leaks rapidly out of ischemically damaged necrotic cells leading to a rise in serum levels. Ischemically damaged tissues are characterized histologically by absence (or low presence) of FABP facilitating recognition of such areas. H-FABP is localized in the heart, skeletal and smooth muscle, mammary epithelial cells, aorta, distal tubules of the kidney, lung, brain, placenta, and ovary. Furthermore, this antibody is useful for the purification of H-FABP.

References

1. Roos; W et al. J Immunol Meth 1995; 183: 149
2. Pelsers, M et al Clin Chem 2004, 50: 1568
3. Zhen; E et al. Proteomics Clin Appl 2007; 1: 661
4. -
5. -

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