



## Anti-Human HFABP/FABP-3 Monoclonal Antibody

### Product Information

Code	A00213-05-100
Name	HFABP/FABP -3 Monoclonal Antibody
Clone No.	3C3C4F10C8
Lot No.	
Size	100 µg
Species	Human
Host	Mice
Immunogen	HFABP (H) rec.
Ab Type	Mouse IgG
Purification	Protein G
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Human
Reconstitution	PBS, 100 µl
Application	ELISA (Capture) WB

### Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, E. coli-derived, recombinant human HFABP/ FABP-3 (Val<sup>2</sup>-Ala<sup>133</sup>), His Tag on N-Terminal. The IgG fraction of mice ascites fluid was purified by Protein G affinity chromatography.

### Formulation

100 µg of Mouse anti-human HFABP/FABP-3 Monoclonal Antibody without preservatives was lyophilized. Carry protein free.

### Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl. Store reconstituted antibody at 2 to 8 ° C for up **a few Days**. This antibody can also be aliquotted ( by 10 µL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for up six months without detectable loss of activity.

### Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize human FABP/FABP-3 on indirect ELISAs.

### Applications

**Indirect ELISA** - This antibody can be used at 0.1 µg/ml with the appropriate secondary reagents to detect recombinant human HFABP/FABP-3.

**Western Blot**-That antibody can be used at 1-2 µg/ml on western blot analysis of rat heart tissue homogenates under reduce condition.

**Direct ELISA** - This antibody can be used as capture antibody at 0.5-1 µg/ml with the appropriate detection antibody , rabbit anti HFABP/FABP-3 (Human) IgG (A00213-01-100) to detect recombinant human FABP-3 (00213-01-100), human EDTA plasma and serum samples on directly ELISA.

*Optimal dilutions should be determined by each laboratory for each application.*

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