



Rat Fatty Acid Binding Protein-4 Monoclonal Antibody

Product Information

Code	A00030-02-100
Name	Rat FABP-4 MAb
Clone No.	2F2D12
Lot No.	
Size	100 µg
Species	Rat
Host	Mouse
Immunogen	Rat FABP-4, rec.
Ab Type	IgG
Purification	Protein G
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	N/A
Application	IHC ELISA WB

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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 rat FABP-4. That antibody was purified by Protein G affinity.

Formulation

100 µg of mouse IgG in 100 µl of PBS lyophilized form.

Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare a antibody stocking solution (100µg/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted antibody can also be aliquotted (by 10 uL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize rat FABP-4 in direct ELISAs. But it does not show any cross-reactivity with mouse FGF-21, rat Visfatin and adiponectin , human FABP-4, FABP-3, FGF-21, RBP-4, Leptin, Adiponectin, Resistin, Insulin, TNF-a, IL-6 as well as vaspin.

Applications

Indirect ELISA - This antibody can be used at 0.2 µg/ml to detect rat FABP-4 on indirectly ELISA.

Immunohistochemistry- That Antibody can be used at 5-10 µg/ml with the appropriate secondary antibody to detect BFABP/FABP-4 in rat visceral adipose tissues (ABC).

Western Blot - This antibody can be used at 2~4 µg/mL to detect FABP-4 in rat serum sample and recombinant rat FABP-4 under reduce condition.

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