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PRODUCT DATA SHEET

Epidermal Fatty Acid Binding Protein Human, Rabbit Polyclonal Antibody

Cat. No.: RD181060100
Source of Antigen: E. coli
Host: Rabbit

Size: 0.1 mg
Type: Polyclonal Antibody

Other Names:
FABP5, Fatty acid-binding protein epidermal, Epidermal-type fatty acid-binding protein, E-FABP, Fatty acid-binding protein 5, Psoriasis-associated fatty acid-binding protein homolog, PA-FABP

Preparation:
The antibody was raised in rabbits by immunization with the recombinant Human FABP5.

Amino Acid Sequence of Immunogen:

The immunization antigen (15.2 kDa) is a protein containing 135 AA of recombinant Human FABP5 and one extra AA, N-terminal methionin (highlighted).

MATVQQLEGR WRLVDSKGFD EYMKELGVGI ALRKMGAMAK PDCIITCDGK NLTIKTESTL KTTQFSCTLG EKFEETTADG RKTQTVCNFT DGALVQHQEW DGKESTITRK LKDGKLVVEC VMNNVTCTRI YEKVE

Purification Method:
Immunoaffinity chromatography on a column with immobilized recombinant Human FABP5.

Species Reactivity:
Human. Not yet tested in other species.

Antibody Content:
0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:
The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. **AZIDE FREE**.

Reconstitution:
Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:
At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at –20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at –80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

Indirect ELISA – to determine titer of the antibody
SDS PAGE – to determine purity of the antibody
BCA - to determine quantity of the antibody

Applications:

ELISA, Immunohistochemistry, Western blotting