

FABP5 Recombinant monoclonal antibody

Catalog Number: 82551-2-RR

Basic Information

Catalog Number:

82551-2-RR

Size:100ul , Concentration: 1000 µg/ml by
Nanodrop;**Source:**

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3005

GenBank Accession Number:

BC019385

GeneID (NCBI):

2171

UNIPROT ID:

Q01469

Full Name:fatty acid binding protein 5 (psoriasis-
associated)**Calculated MW:**

135 aa, 15 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

243154G10

Recommended Dilutions:

WB: 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A375 cells, A431 cells, HeLa cells, HepG2 cells

Background Information

FABP5, also named as PA-FABP and E-FABP, belongs to the calycin superfamily and Fatty-acid binding protein (FABP) family. It is high specificity for fatty acids. FABP5 is highest affinity for C18 chain length. It may be involved in keratinocyte differentiation. FABP5 is a fatty acid-binding protein and is expressed in epidermis and endothelial cells of the microvasculature of different organs. FABP5 has also been identified as a tumor-associated antigen, which is highly expressed in various cancers. FABP5 was detected in the sera of HNSCC patients with early stage cancer. Antibodies specific for FABP5 were significantly increased in a substantial amount in patients, suggesting that FABP5 may be a potential diagnostic biomarker for HNSCC. FABP5 may serve as a biomarker for HNSCC. (PMID:19602232)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

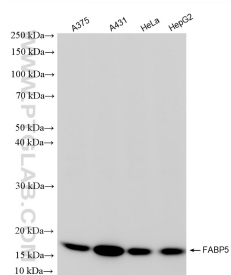
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.com
W: ptglab.com**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82551-2-RR (FABP5 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.