

For Research Use Only

# FABP5 Recombinant monoclonal antibody

Catalog Number: 82551-2-RR



## Basic Information

<b>Catalog Number:</b> 82551-2-RR	<b>GenBank Accession Number:</b> BC019385	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 2171	<b>CloneNo.:</b> 243154G10
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q01469	<b>Recommended Dilutions:</b> WB: 1:2000-1:16000
<b>Immunogen Catalog Number:</b> AG3005	<b>Full Name:</b> fatty acid binding protein 5 (psoriasis-associated)	
	<b>Calculated MW:</b> 135 aa, 15 kDa	
	<b>Observed MW:</b> 15 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A375 cells, A431 cells, HeLa cells, HepG2 cells
<b>Species Specificity:</b> human	

## 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)

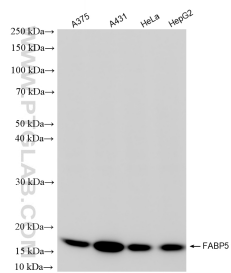
## Storage

**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

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