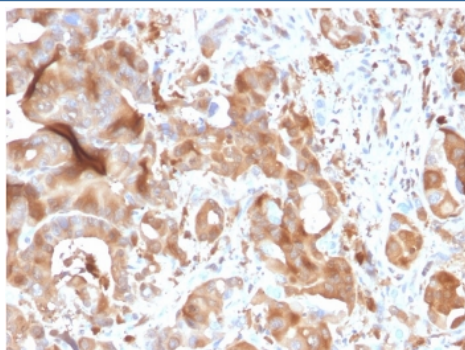


## FABP5 Antibody [clone CPTC-FABP5-3] (V3984)

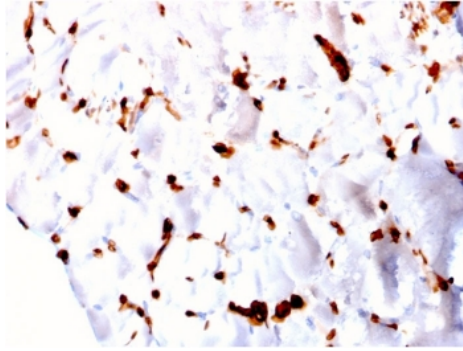
Catalog No.	Formulation	Size
V3984-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3984-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3984SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3984IHC-7ML	1 mg/ml in 1X PBS; BSA free, sodium azide free	7 ml

[Bulk quote request](#)

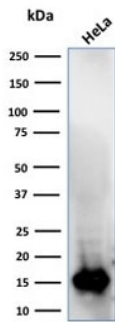
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2a, kappa
<b>Clone Name</b>	CPTC-FABP5-3
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Q01469
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Western blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This FABP5 antibody is available for research use only.



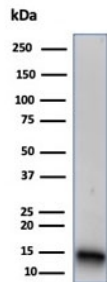
IHC testing of FFPE human hepatic carcinoma with FABP5 antibody. HIER: boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool prior to staining.



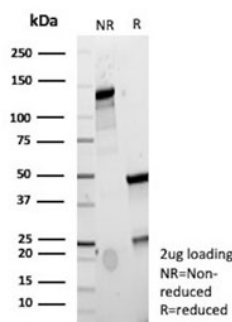
IHC testing of FFPE human skeletal muscle with FABP5 antibody. HIER: boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool prior to staining.



Western blot testing of human HeLa cell lysate with FABP5 antibody. Predicted molecular weight ~15 kDa.



Western blot testing of human Raji cell lysate with FABP5 antibody. Predicted molecular weight ~15 kDa.



SDS-PAGE analysis of purified, BSA-free FABP5 antibody (clone CPTC-FABP5-3) as confirmation of integrity and purity.

## Description

This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus. FABP5 is also associated with poor survival in triple-negative breast cancer. Additionally, FABP5 gene is upregulated in colorectal cancer cells compared to normal colon cells in a manner that correlates with disease stage and that

FABP5 significantly promotes colorectal cancer cell growth and metastatic potential.

## Application Notes

Titration of the FABP5 antibody may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Recombinant full length human protein was used as the immunogen for the FABP5 antibody.

## Storage

Store the FABP5 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).