

## 36-2274: Anti-FABP5 (Marker of Metastatic Potential in Colorectal Cancer) Monoclonal Antibody(Clone: CPTC-FABP5-3)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CPTC-FABP5-3
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	FABP5
<b>Gene ID :</b>	2171
<b>Uniprot ID :</b>	Q01469
<b>Alternative Name :</b>	FABP5; E-FABP; EFABP; PA-FABP; PAFABP
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Recombinant human full-length FABP5 protein

### 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.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Western Blot (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),

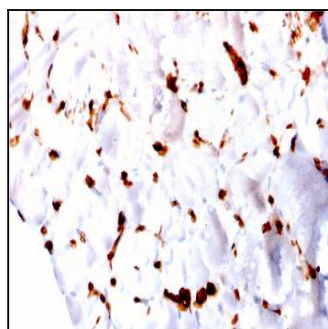


Fig. 1: Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with FABP5 Mouse Monoclonal Antibody (CPTC-FABP5-3).

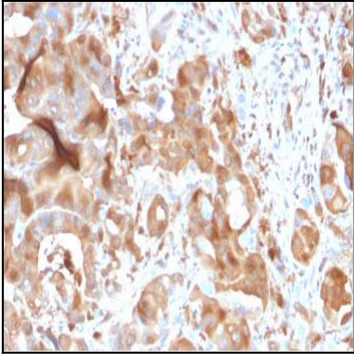


Fig. 2: Formalin-fixed, paraffin-embedded human Hepatic Carcinoma stained with FABP5 Mouse Monoclonal Antibody (CPTC-FABP5-3).