9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

Clonality :	Monoclonal
Clone Name :	CPTC-FABP5-3
Application :	WB,IHC
Reactivity :	Human
Gene :	FABP5
Gene ID :	2171
Uniprot ID :	Q01469
Alternative Name :	FABP5; E-FABP; EFABP; PA-FABP; PAFABP
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	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

Amount :	20 µg / 100 µg
Content :	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.
Storage condition :	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 &degC followed by cooling at RT for 20 minutes),

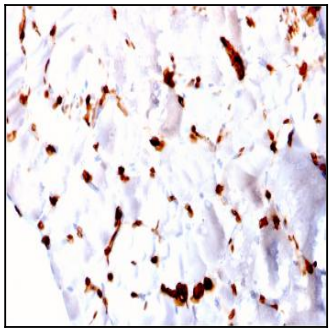


Fig. 1: Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with FABP5 Mouse Monoclonal Antibody (CPTC-FABP5-3).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

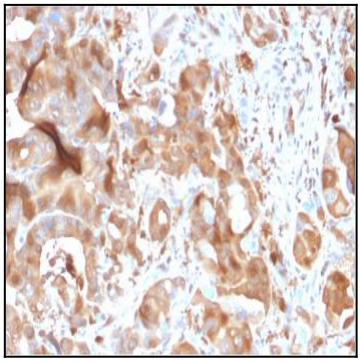


Fig. 2: Formalin-fixed, paraffin-embedded human Hepatic Carcinoma stained with FABP5 Mouse Monoclonal Antibody (CPTC-FABP5-3).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.