Rabbit anti-Human FABP5 Monoclonal Antibody | anti-FABP5 antibody

FABP5 (Marker of Metastatic Potential in Colorectal Cancer) Recombinant Rabbit Monoclonal Antibody [Clone FABP5/6353R]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215640	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, Immunofluorescence**

PRODUCT SYNONYMS

FABP5; Monoclonal Antibody; FABP5 (Marker of Metastatic Potential in Colorectal Cancer) Recombinant Rabbit Monoclonal Antibody [Clone FABP5/6353R]; FABP5 (Marker of Metastatic Potential in Colorectal Cancer); E-FABP; EFABP; PA-FABP; PAFABP; anti-FABP5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	FABP5/6353R
Form/Format	200ug/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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-FABP5 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant human full-length FABP5 protein
Cellular Localization	Nuclear, Cytoplasmic
Positive Control	MOLT-4, HeLa or HEK-293 cells. Keratinocytes; highly expressed in psoriatic skin.
Hu-chromosome Location	8q21.13
Unigene	408061
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human liver metastasized to colon stained with FABP5 Recombinant Rabbit Monoclonal Antibody (FABP5/6353R).

ADDITIONAL INFORMATION

Related Product Information for anti-FABP5 antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	232081
NCBI GeneID	2171
UniProt Accession #	Q01469; B2R4K0
Molecular Weight	15,164 Da
NCBI Official Full Name	Fatty acid-binding protein, epidermal
NCBI Official Synonym Full Names	fatty acid binding protein 5 (psoriasis-associated)
NCBI Official Symbol	FABP5
NCBI Official Synonym Symbols	EFABP; KFABP; E-FABP; PAFABP; PA-FABP
NCBI Protein Information	fatty acid-binding protein, epidermal; epidermal-type fatty acid-binding protein; psoriasis-associated fatty acid-binding protein homolog
UniProt Protein Name	Fatty acid-binding protein, epidermal
UniProt Gene Name	**FABP5**
UniProt Synonym Gene Names	E-FABP; PA-FABP
UniProt Entry Name	FABP5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/fabp5-antibody-clone-fabp5-6353r-immunohistochemistry-western-blot-immunofluorescence-elisa/215640