

Rabbit anti-Human FABP6 Monoclonal Antibody | anti-FABP6 antibody

Recombinant Anti-FABP6 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255593	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

FABP6; Monoclonal Antibody; Recombinant Anti-FABP6 Antibody; Rabbit Monoclonal; FABP6/ILBP/I-BABP Antibody; Rabbit MAb; fatty acid binding protein 6; ileal; Anti-I-15P Antibody; Anti-I-BABP Antibody; Anti-I-BALB Antibody; Anti-I-BAP Antibody; Anti-ILBP Antibody; Anti-ILBP3 Antibody; Anti-ILLBP Antibody; anti-FABP6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	201
Specificity	Human FABP6/ILBP/I-BABP
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FABP6 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human FABP6/ILBP/I-BABP protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human FABP6/ILBP/I-BABP (rh FABP6/ILBP/I-BABP).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Human FABP6 expression on MCF-7 cells. The cells were treated according to manufacturer's manual (BD Pharmingen), stained with purified anti-Human FABP6, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



IF (Immunofluorescence)

Immunofluorescence staining of Human FABP6 in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human FABP6 monoclonal antibody (1:60) at 37 degree C 1 hour. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP6 antibody	Gastrotropin, also known as Fatty acid-binding protein 6, Ileal lipid-binding protein, ILBP, Intestinal 15 kDa protein, Intestinal bile acid-binding protein, I-BABP and FABP6, is a cytoplasm protein which belongs to the calycin superfamily and Fatty-acid binding protein (FABP) family. Isoform2 of FABP6 is expressed in colorectal adenocarcinomas and their adjacent normal mucosa (at protein level). Isoform1 of FABP6 is expressed in the jejunum, ileum, cecum and ascending colon intestine. Isoform2 is expressed in the gallbladder, duodenum, jejunum, ileum, cecum, ascending, transverse and descending colon, sigmoid colon and rectum. FABP6/I-BABP is a cancer-related protein that acts as an intracellular transporter of bile acid in the ileal epithelium. FABP6/I-BABP may also play an important role in early carcinogenesis.
References	Kurz M., et al., 2003, Proteins 50:312-328. Ohmachi, T. et al., 2006, Clin Cancer Res.12 (17):5090-5. Fang C., et al., 2007, Cancer Res. 67:9039-9046. Szczerbal, I. et al., 2007, Cytogenet Genome Res.118 (1):63-6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18490679
NCBI GeneID	2172
Molecular Weight	19,874 Da
NCBI Official Full Name	FABP6 protein
NCBI Official Synonym Full Names	fatty acid binding protein 6
NCBI Official Symbol	FABP6
NCBI Official Synonym Symbols	ILBP; I-15P; I-BAP; ILBP3; ILLBP; I-BABP; I-BALB
NCBI Protein Information	gastrotropin

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.