

Anti-FABP6 Antibody (8D150)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8D150
Purification:	Protein A

Applications

Verified Activity:	1. 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°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.
	2. Flow cytometric analysis of Human FABP6 expression on MCF-7 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), 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.
Application:	FCM, ICC/IF
Recommended	ICC-IF: 1:20-1:100; FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human FABP6 / ILBP / I-BABP protein (TMPY-02249)
Antigen Species:	Human
Synonyms:	I-BALB; I-BAP; ILBP; I-15P; I-BABP; ILLBP; ILBP3; fatty acid binding protein 6, ileal

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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