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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07742 - Goat Anti-FABP2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FABP2, fatty acid binding protein 2, intestinal, FABPI, I-FABP, MGC133132, Fatty acid-binding protein, intestinal, intestinal fatty acid binding protein 2, fatty acid-binding protein 2, intestinal-type fatty acid-binding protein

Official Symbol: FABP2

Accession Number(s): NP_000125.2

Human GeneID(s): [2169](#)

Non-Human GeneID(s): 14079 (mouse)

Immunogen

Peptide with sequence C-EGVEAKRIFKKD, from the C Terminus of the protein sequence according to NP_000125.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 15-16kDa band observed in Human Ileum and Duodenum lysates (calculated MW of 15.2kDa according to NP_000125.1). Recommended concentration: 0.001-0.003µg/ml. Primary incubation 1 hour at room temperature.

IHC: In paraffin embedded Human Small Intestine shows strong staining of basement membrane and weaker staining of enterocytes. Recommended concentration: 2-3µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10µg/ml.

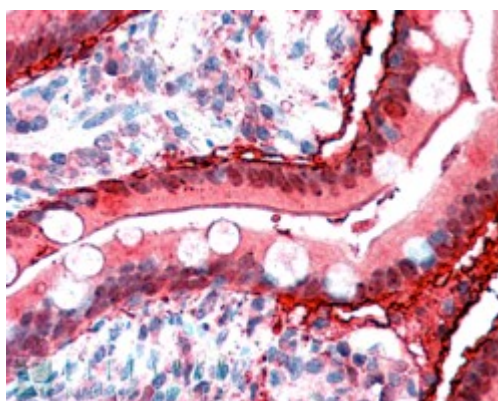
Species Reactivity

Tested: Human

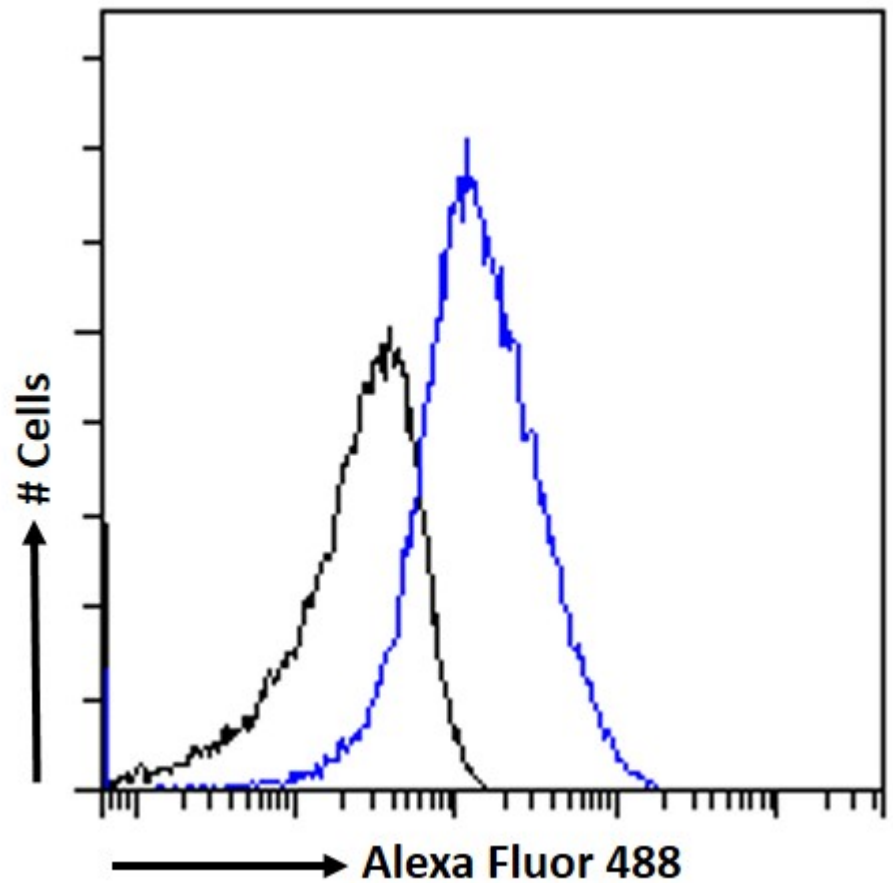
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB07742 (0.001 μ g/ml) staining of Human Duodenum (A) and (0.003 μ g/ml) Ileum (B) lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07742 (2.5 μ g/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07742 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.