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

EB06394 - Goat Anti-FLAP / ALOX5AP (C Term) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ALOX5AP, FLAP, arachidonate 5-lipoxygenase-activating protein, MK-886-binding protein, five-lipoxygenase activating protein

Official Symbol: ALOX5AP

Accession Number(s): NP_001620.2; NP_001191335.1

Human GeneID(s): [241](#)

Immunogen

Peptide with sequence C-KTISTTISPLLLIP, from the C Terminus of the protein sequence according to NP_001620.2; NP_001191335.1.

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 1:16000.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 6µg/ml.

Immunofluorescence: Strong expression of the protein seen in the endoplasmic reticulum of MCF7 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of MCF7 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB06394 (6µg/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB06394 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.

EB06394 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB06394 Flow cytometric analysis of paraformaldehyde fixed MCF7 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.