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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.

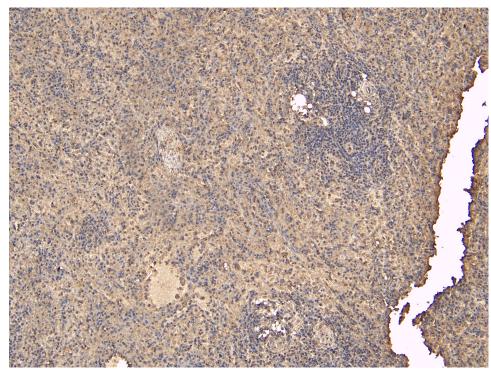
Immunofluorescence: Strong expression of the protein seen in the endplasmic reticulum of MCF7 cells. Recommended concentration: 10µg/ml.

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

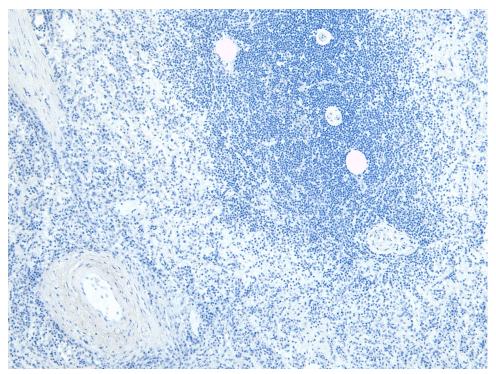
Species Reactivity

Tested: Human

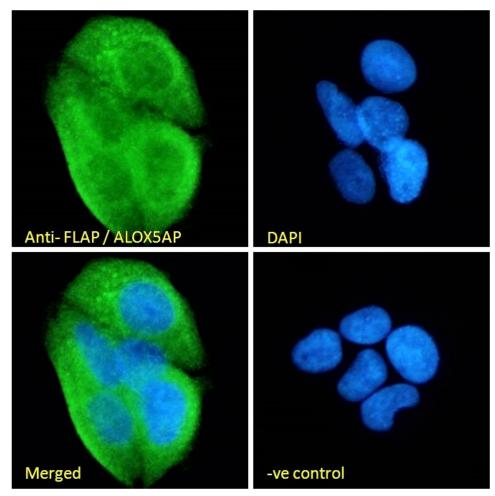
Expected from sequence similarity: Human



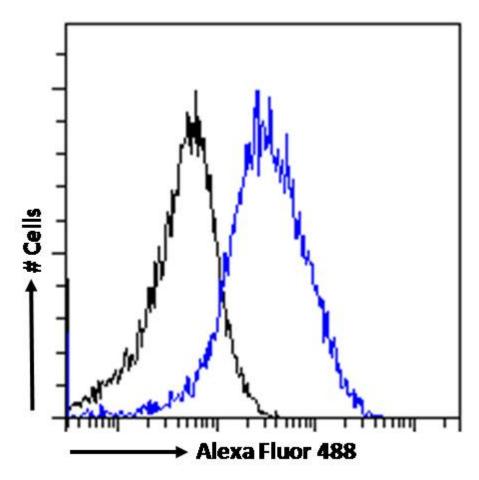
EB06394 ($6\mu g/ml$) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



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 endplasmic 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.