

Datasheet for ABIN185717
anti-ALOX5AP antibody (Internal Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	ALOX5AP
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALOX5AP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	FLAP / ALOX5AP (internal)
Immunogen:	Peptide with sequence C-HKVEHESRTQNGR, from the internal region of the protein sequence according to NP_001620.2.
Sequence:	HKVEHESRTQ NGR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001620.2, NP_001191335.1).
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: ALOX5AP

Alternative Name: ALOX5AP ([ALOX5AP Products](#))

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

Gene ID: 241

NCBI Accession: [NP_001620](#), [NP_001191335](#)

Application Details

Application Notes: Immunohistochemistry: In paraffin embedded Human Spleen shows staining of select splenocytes. Paraffin embedded Human Lung and Small Intestine. Recommended concentration: 3.75 µg/mL.

Western Blot: Approx 16 kDa band observed in lysates of U937 and of Peripheral Blood Mononucleocytes (calculated MW of 18.2 kDa according to NP_001620.2). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour.

Peptide ELISA: antibody detection limit dilution 1:128000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

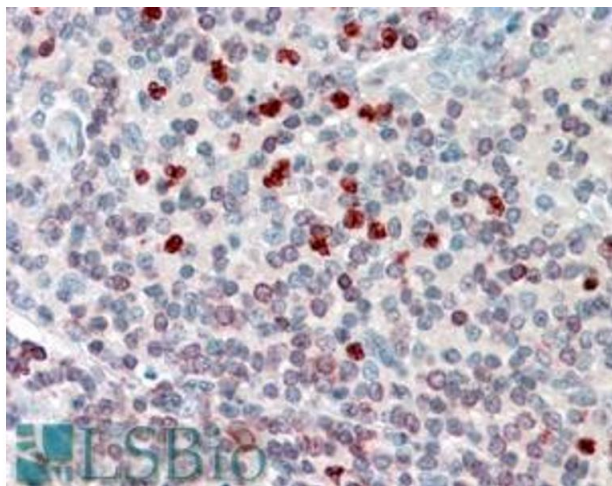
Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



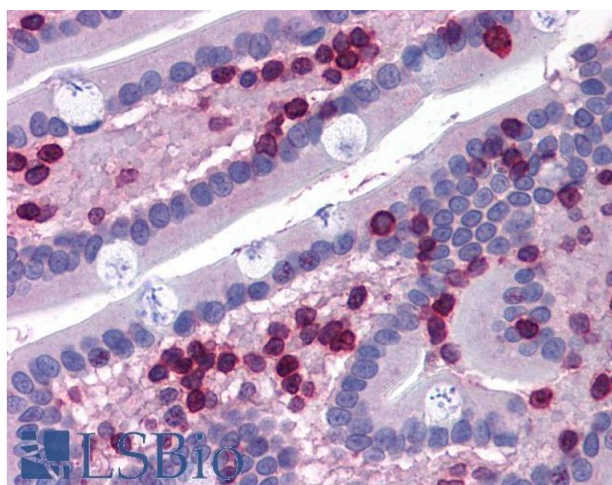
Immunohistochemistry

Image 1. ABIN185717 (3.75µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185717 (0.1µg/ml) staining of Human U937 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN185717 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.