

Datasheet for ABIN7144542  
**anti-ALOX5 antibody (AA 2-149)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	ALOX5
Binding Specificity:	AA 2-149
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Arachidonate 5-lipoxygenase protein (2-149AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	ALOX5
Alternative Name:	ALOX5 ( <a href="#">ALOX5 Products</a> )
Background:	Background: Catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes.

## Target Details

Aliases: 5 Lipoxygenase antibody, 5 LO antibody, 5 LOX antibody, 5-lipoxygenase antibody, 5-LO antibody, 5-LOX antibody, 5LOX antibody, 5LPG antibody, ALOX 5 antibody, Alox5 antibody, Arachidonate 5 lipoxygenase antibody, Arachidonate 5-lipoxygenase antibody, arachidonic 5-lipoxygenase alpha-10 isoform antibody, arachidonic 5-lipoxygenase delta-10-13 isoform antibody, arachidonic 5-lipoxygenase delta-13 isoform antibody, arachidonic 5-lipoxygenase delta-p10 isoform antibody, Arachidonic acid 5 lipoxygenase antibody, Leukotriene A4 synthase antibody, LOG 5 antibody, LOG5 antibody, LOX5\_HUMAN antibody, MGC163204 antibody

UniProt: [P09917](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

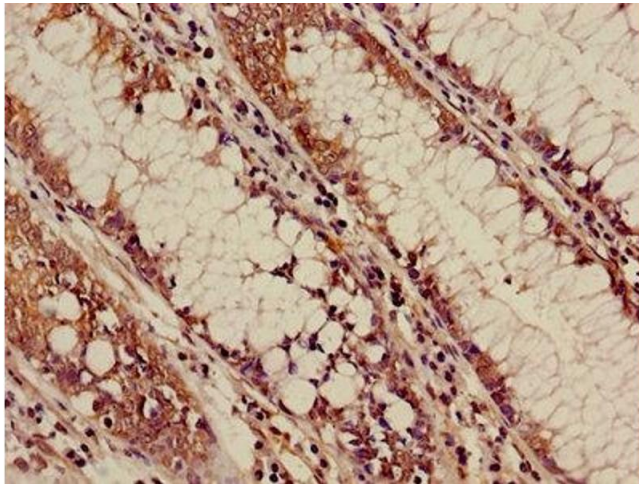
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

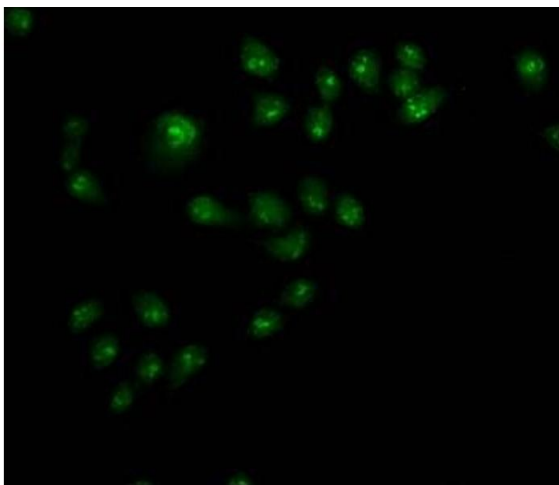
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7144542 at dilution of 1:100



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of HeLa cells with ABIN7144542 at 1:110, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).