

Anti-ALOX5 antibody

Cat. No.	ml120061
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ALOX5 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human ALOX5
Reactivity	Human, Mouse, Rat
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ALOX5
Full name	Arachidonate 5-lipoxygenase
Synonyms	5-LO, 5LPG, LOG5, 5-LOX
Swissprot	P09917

Target Background

This gene encodes a member of the lipoxygenase gene family and plays a dual role in the synthesis of leukotrienes from arachidonic acid. The encoded protein, which is expressed specifically in bone marrow-derived cells, catalyzes the conversion of arachidonic acid to 5(S)-hydroperoxy-6-trans-8,11,14-cis-eicosatetraenoic acid, and further to the allylic epoxide 5(S)-trans-7,9-trans-11,14-cis-eicosatetraenoic acid (leukotriene A₄). Leukotrienes are important mediators of a number of inflammatory and allergic conditions. Mutations in the promoter region of this gene lead to a diminished response to antileukotriene drugs used in the treatment of asthma and may also be associated with atherosclerosis and several cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

订购热线: 4008-898-798

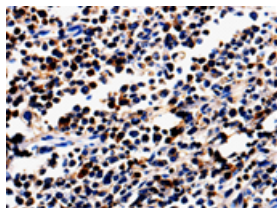
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human colon cancer

Recommended dilution: 50-150

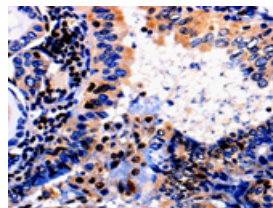


The image is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml120061(ALOX5 Antibody) at dilution 1/50. (Original magnification: ×200)

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 50-150



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml120061(ALOX5 Antibody) at dilution 1/50. (Original magnification: ×200)

ELISA

Recommended dilution: 500-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn