

小鼠抗 ALOX5 单克隆抗体

- 中文名称： 小鼠抗 ALOX5 单克隆抗体
- 英文名称： Anti-ALOX5 mouse monoclonal antibody
- 别名： arachidonate 5-lipoxygenase; 5-LO; 5LPG; LOG5; 5-LOX
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： ALOX5
- 反应种属： Human
- 标记物： Unconjugate
- 克隆类型： mouse monoclonal

技术规格

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.
Applications:	WB, IHC
Name of antibody:	ALOX5
Immunogen:	Fusion protein of human ALOX5
Full name:	arachidonate 5-lipoxygenase
Synonyms:	5-LO; 5LPG; LOG5; 5-LOX
SwissProt:	P09917
IHC positive control:	Human lymphoma tissue and Human endometrium tissue; Human lung cancer and Human breast tissue
IHC Recommend dilution:	200-500
WB Predicted band size:	78 KD
WB Positive control:	Human lung tissue and Human spleen tissue lysates
WB Recommended dilution:	200-1000