

小鼠抗 ALOX15 单克隆抗体

中文名称： 小鼠抗 ALOX15 单克隆抗体

英文名称： Anti-ALOX15 mouse monoclonal antibody

别名： 12-LOX; 15-LOX-1; 15LOX-1

相关类别： 一抗

储存： 冷冻（-20℃） 避光

宿主： Mouse

抗原： ALOX15

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

Non-heme iron-containing dioxygenase that catalyzes the stereo-specific peroxidation of free and esterified polyunsaturated fatty acids generating a spectrum of bioactive lipid mediators. Converts arachidonic acid into 12-hydroperoxyeicosatetraenoic acid/12-HPETE and 15-hydroperoxyeicosatetraenoic acid/15-HPETE. Also converts linoleic acid to 13-hydroperoxyoctadecadienoic acid. May also act on (12S)-hydroperoxyeicosatetraenoic acid/(12S)-HPETE to produce hepxilin A3. Probably plays an important role in the immune and inflammatory responses. Through the oxygenation of membrane-bound phosphatidylethanolamine in macrophages may favor clearance of apoptotic cells during inflammation by resident macrophages and prevent an autoimmune response associated

	<p>ed with the clearance of apoptotic cells by inflammatory monocytes. In parallel, may regulate actin polymerization which is crucial for several biological processes, including macrophage function. May also regulate macrophage function through regulation of the peroxisome proliferator activated receptor signaling pathway. Finally, it is also involved in the cellular response to IL13/interleukin-13. In addition to its role in the immune and inflammatory responses, may play a role in epithelial wound healing in the cornea maybe through production of lipoxin A4. May also play a role in endoplasmic reticulum stress response and the regulation of bone mass.</p>
Applications:	WB, IHC, IF, FC
Name of antibody:	ALOX15
Immunogen:	Fusion protein of human ALOX15
Full name:	arachidonate 15-lipoxygenase (ALOX15)
Synonyms:	12-LOX; 15-LOX-1; 15LOX-1
SwissProt:	P16050
IHC positive control:	adenocarcinoma of human endometrium tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	75 kDa
WB Positive control:	PC12, MCF-7 cell lysates
WB Recommended dilution:	200-1000