

## 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 phospho

	<p>tidylethanolamine in macrophages may favor clearance of apoptotic cells during inflammation by resident macrophages and prevent an autoimmune response associated 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>
<b>Applications:</b>	WB, IHC, IF, FC
<b>Name of antibody:</b>	ALOX15
<b>Immunogen:</b>	Fusion protein of human ALOX15
<b>Full name:</b>	arachidonate 15-lipoxygenase (ALOX15)
<b>Synonyms:</b>	12-LOX; 15-LOX-1; 15LOX-1
<b>SwissProt:</b>	P16050
<b>IHC positive control:</b>	adenocarcinoma of human endometrium tissue
<b>IHC Recommend dilution:</b>	30-150
<b>WB Predicted band size:</b>	75 kDa
<b>WB Positive control:</b>	PC12, MCF-7 cell lysates
<b>WB Recommended dilution:</b>	200-1000