



LOX15 mouse mAb

Catalog No	BYmab-12198
lsotype	lgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ALOX15 LOG15
Protein Name	LOX15
Immunogen	Synthesized peptide derived from human LOX15 AA range: 156-206
Specificity	This antibody detects endogenous levels of LOX15 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytosol . Cell membrane ; Peripheral membrane protein . Lipid droplet . Predominantly cytosolic; becomes enriched at membranes upon calcium binding (By similarity). Translocates from the cytosol to the plasma membrane when stimulated by IL13/interleukin-13 and in macrophages binding apoptotic cells (By similarity)
Tissue Specificity	Detected in monocytes and eosinophils (at protein level). Expressed in airway epithelial cells.
Function	catalytic activity:Arachidonate + O(2) = (5Z,8Z,11Z,13E)-(15S)-15-hydroperoxyicosa-5,8,11,13-tetraenoate.,cofactor:Bind s 1 iron ion per subunit.,function:Converts arachidonic acid to 15S-hydroperoxyeicosatetraenoic acid. Also acts on C-12 of arachidonate as well as on linoleic acid.,pathway:Lipid metabolism; leukotriene D4 biosynthesis.,similarity:Belongs to the lipoxygenase family.,similarity:Contains 1 lipoxygenase domain.,similarity:Contains 1 PLAT domain.,

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Background

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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