

Mouse anti-Human ALOX15 / 15-Lipoxygenase Monoclonal Antibody | anti-ALOX15 antibody

Anti-ALOX15 / 15-Lipoxygenase Antibody (clone 7H6) IHC-plus

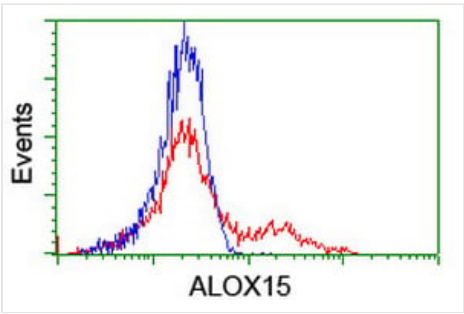
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52585	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

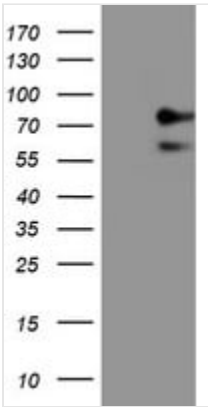
ALOX15 / 15-Lipoxygenase; Monoclonal Antibody; Anti-ALOX15 / 15-Lipoxygenase Antibody (clone 7H6) IHC-plus; Mouse Monoclonal [clone 7H6] (IgG2b) to Human ALOX15 / 15-Lipoxygenase; Human ALOX15 / 15-Lipoxygenase; 15-lipoxygenase; 15-LOX; 15-lipoxygenase-1; 15-LO-1; 15LOX-1; 15-LOX-1; LOG15; Arachidonate 15-lipoxygenase; anti-ALOX15 antibody

PRODUCT SPECIFICATIONS

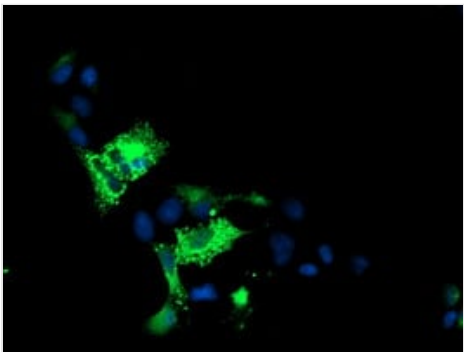
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	7H6
Specificity	Human 15-LOX / ALOX15
Purity/Purification	Protein A/G purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1.21 mg/ml (varies by lot)
Sequence Length	662
Applicable Applications for anti-ALOX15 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	ALOX15 / 15-Lipoxygenase antibody was raised against full length human recombinant protein of human ALOX15(NP_001131) produced in HEK293T cell.
Immunogen Description	Full length human recombinant protein of human ALOX15(NP_001131) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



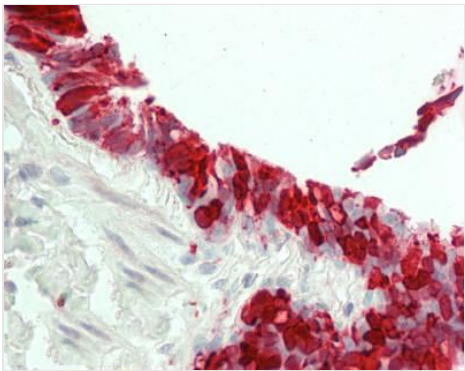
FCM/FACS (Flow Cytometry)
HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ALOX15 antibody, and then analyzed by flow cytometry.



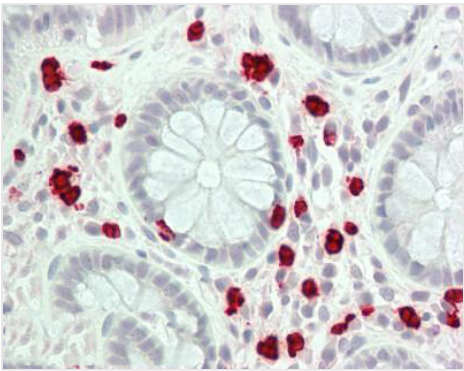
WB (Western Blot)
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ALOX15 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ALOX15.



IF (Immunofluorescence)
Anti-ALOX15 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ALOX15.



IHC (Immunohistochemistry)
Human Lung, Respiratory Epithelium: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15 antibody

ALOX15 Antibody, 15-lipoxygenase Antibody, 15-LOX Antibody, 15-lipoxygenase-1 Antibody, 15-LO-1 Antibody, 15LOX-1 Antibody, 15-LOX-1 Antibody, LOG15 Antibody, Arachidonate 15-lipoxygenase Antibody Description: 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 hepoxilin A3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316937
NCBI GeneID	246
NCBI Accession #	NP_001131.3
NCBI GenBank Nucleotide #	NM_001140.3
UniProt Accession #	P16050; Q8N6R7; Q99657; A8K2P4; B7ZA11
Molecular Weight	70,108 Da
NCBI Official Full Name	arachidonate 15-lipoxygenase
NCBI Official Synonym Full Names	arachidonate 15-lipoxygenase
NCBI Official Symbol	ALOX15
NCBI Official Synonym Symbols	12-LOX; 15LOX-1; 15-LOX-1
NCBI Protein Information	arachidonate 15-lipoxygenase
UniProt Protein Name	Arachidonate 15-lipoxygenase
UniProt Gene Name	ALOX15
UniProt Synonym Gene Names	LOG15; 12-LOX
UniProt Entry Name	LOX15_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/alox15-15-lipoxygenase-antibody-clone-7h6-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/52585>