

Mouse anti-Human, Pig Arachidonate15Lipoxygenase (ALOX15) Monoclonal Antibody | anti-ALOX15 antibody

Monoclonal Antibody to Arachidonate15Lipoxygenase (ALOX15)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151652	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

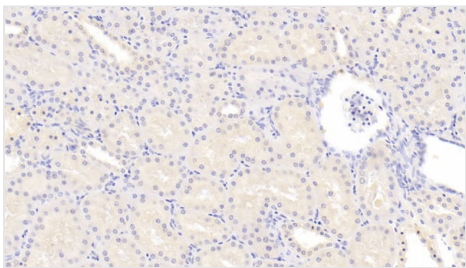
PRODUCT SYNONYMS

Arachidonate15Lipoxygenase (ALOX15); Monoclonal Antibody; Monoclonal Antibody to Arachidonate15Lipoxygenase (ALOX15); ALOX15/Arachidonate15Lipoxygenase; LOX15; 15LOX2; 15LOX1; 15LOX; 12LOX; ALOX15; 15LO; 15LPG; LOG15; Lipoxygenase 15; Arachidonate 12lipoxygenase; leukocytetyp; Arachidonate omega6 lipoxygenase; anti-ALOX15 antibody

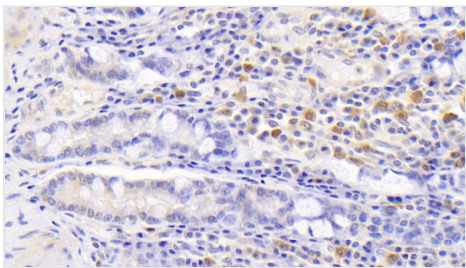
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C2
Specificity	The antibody is a mouse monoclonal antibody raised against ALOX15. It has been selected for its ability to recognize ALOX15 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ALOX15 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Lys170~Leu312
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Kidney Tissue; Primary Ab: 30ug/ml Mouse AntiHuman ALOX15 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Small intestine Tissue; Primary Ab: 30ug/ml Mouse AntiHuman ALOX15 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALOX15 antibody	Enzyme & Kinase; Metabolic pathway; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	553159
NCBI GeneID	246
UniProt Accession #	P16050; Q8N6R7; Q99657; A8K2P4
Molecular Weight	74,804 Da
NCBI Official Full Name	12-lipoxygenase, partial
NCBI Official Synonym Full Names	arachidonate 15-lipoxygenase
NCBI Official Symbol	ALOX15
NCBI Official Synonym Symbols	15LOX-1; 15-LOX-1
NCBI Protein Information	arachidonate 15-lipoxygenase; 15-LOX; 15-lipoxygenase-1; arachidonate omega-6 lipoxygenase
UniProt Protein Name	Arachidonate 15-lipoxygenase
UniProt Gene Name	ALOX15
UniProt Synonym Gene Names	LOG15; 15-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/arachidonate15lipoxygenase-alox15-antibody-clone-c2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151652>