

Mouse ALOX15 Monoclonal Antibody | anti-ALOX15 antibody

ALOX15 antibody

CATALOG # AAA108026	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence
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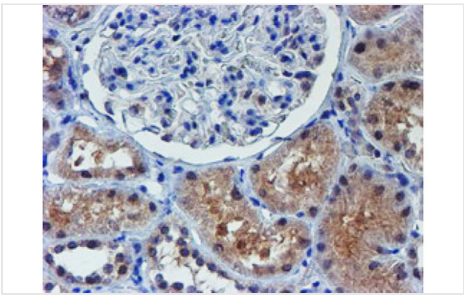
PRODUCT SYNONYMS

ALOX15; Monoclonal Antibody; ALOX15 antibody; Monoclonal ALOX15; Anti-ALOX15; 15-LOX-1; 15LOX-1; ALOX 15; ALOX-15; anti-ALOX15 antibody

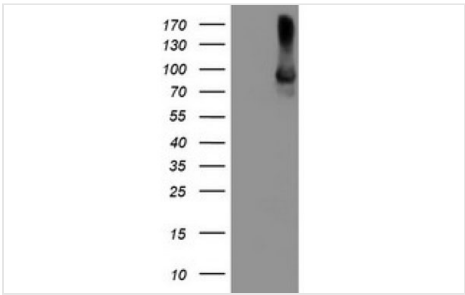
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2G3
Purity/Purification	ALOX15 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Applicable Applications for anti-ALOX15 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	Lipoxygenases (LOXs) are a family of non-heme iron dioxygenases that are involved in the production and metabolism of fatty acid hydroperoxidases. There are six lipoxygenase isozymes; 5-LOX, 12R-LOX, 12S-LOX, 15-LOX-1 and 15-LOX-2, which catalyze the regio-selective addition of oxygen into arachidonic acid, and epidermal LOX (E-LOX) which metabolizes 12R-hydroperoxyeicosatetraenoic acid (12R-HPETE) to a specific epoxyalcohol compound. Different isozymes have different physiological roles; 5-, 12R-, 12S- and 15-LOX-1 have proliferative, antiapoptotic and angiogenic functions whilst 15-LOX-2 has roles in differentiation, growth arrest and the induction of apoptosis. E-LOX, the most divergent member of this family, is involved in terminal differentiation of keratinocytes and has a major role in skin barrier function.
Cross-Reactivity	Human
Immunogen	ALOX15 antibody was raised in Mouse using full length human recombinant protein of human ALOX15 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of ALOX15 protein in paraffin embedded Human Kidney tissue using ALOX15 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ALOX15 protein (Right) or empty vector (Left) detected with ALOX15 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15 antibody	Mouse monoclonal ALOX15 antibody
Product Categories/Family for anti-ALOX15 antibody	Proteases; Inhibitors; & Enzymes

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/alox15-antibody-clone-2g3-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/108026>