

Product Datasheet

ALOX12 Antibody (C-term) (orb1928230)

Catalog Number	orb1928230
Category	Antibodies
Description	ALOX12 Antibody (C-term)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
UniProt ID	P18054
MW	75694 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	WB - 1:2000
Specificity	This ALOX12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 618-650 amino acids from the C-terminal region of human ALOX12.
Antibody Type	Primary Antibody

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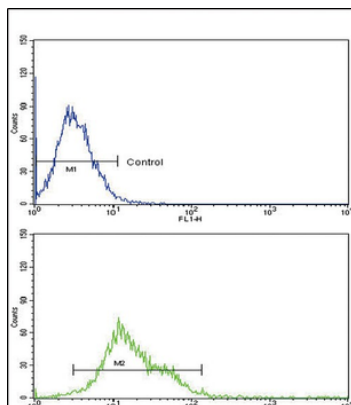
Email: info@biorbyt.com, support@biorbyt.com
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Storage

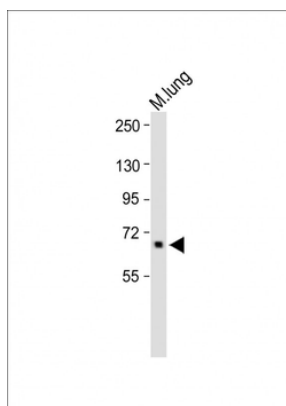
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

Note

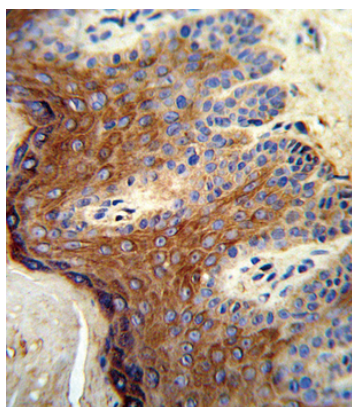
For research use only



ALOX12 Antibody (C-term) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Anti-ALOX12 Antibody (C-term) at 1:2000 dilution + Mouse lung whole tissue lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 76 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human skin tissue reacted with ALOX12 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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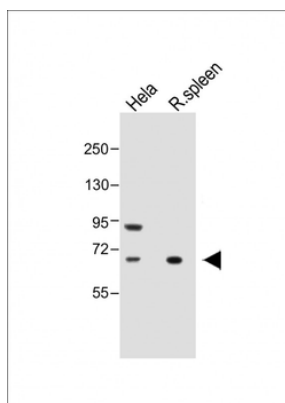
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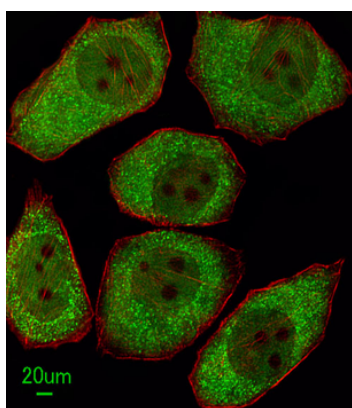
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All lanes: Anti-ALOX12 Antibody (C-term) at 1:1000 dilution.
Lane 1: HeLa whole cell lysate. Lane 2: Rat spleen whole tissue lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 76 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Immunofluorescent analysis of A549 cells, using ALOX12 Antibody (C-term). Diluted at 1:100 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Dylight Fluor 554 (red) conjugated Phalloidin (red).

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