

Datasheet for ABIN950354
anti-ALOX12B antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	ALOX12B
Binding Specificity:	AA 629-660, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX12B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 629-660 amino acids from the C-terminal region of human ALOX12B
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ALOX12B.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	ALOX12B
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Target Details

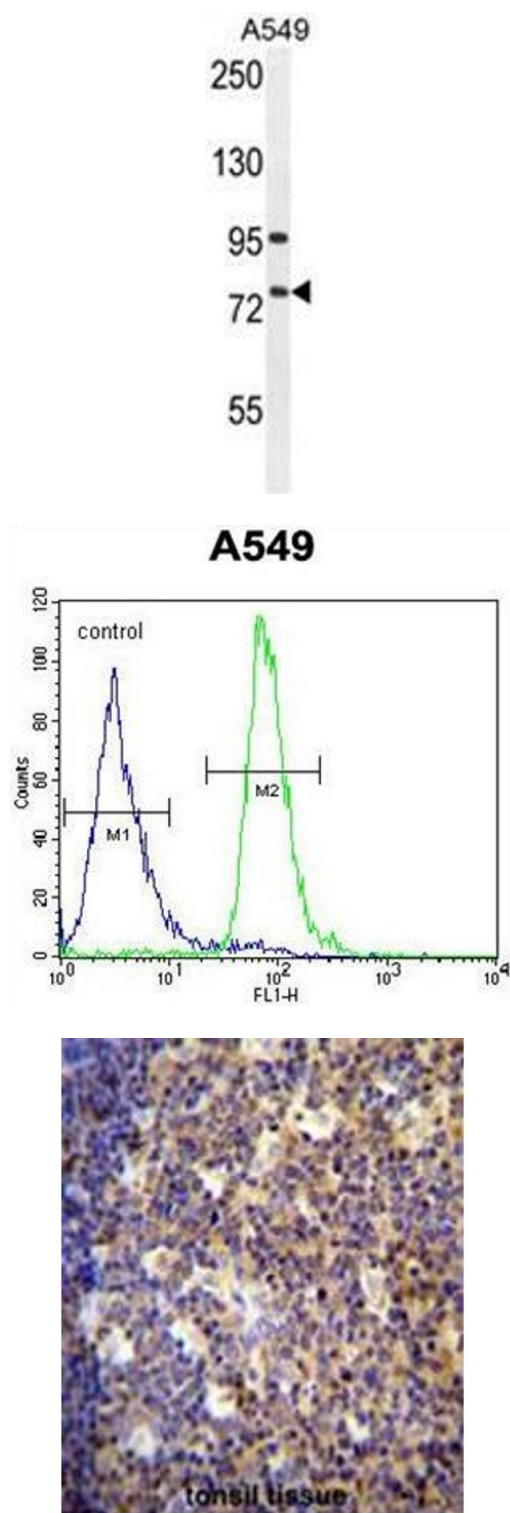
Alternative Name:	ALOX12B (ALOX12B Products)
Background:	This gene encodes an enzyme involved in the conversion of arachidonic acid to 12R-hydroxyeicosatetraenoic acid. Mutations in this gene are associated with nonbullous congenital ichthyosiform erythroderma. Synonyms: 12R type, 12R-LOX, 12R-lipoxygenase, Arachidonate 12-lipoxygenase
Gene ID:	242
NCBI Accession:	NP_001130
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. ALOX12B Antibody (C-term) western blot analysis in A549 cell line lysates (35µg/lane). This demonstrates the ALOX12B antibody detected the ALOX12B protein (arrow).

Flow Cytometry

Image 2. ALOX12B Antibody (C-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. ALOX12B antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ALOX12B antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.