

Mouse LTA4H Monoclonal Antibody | anti-LTA4H antibody

LTA4H antibody

CATALOG # AAA107296	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

LTA4H; Monoclonal Antibody; LTA4H antibody; Monoclonal LTA4H; Anti-LTA4H; Leukotriene A4 Hydrolase; LTAH 4; LTAH-4; anti-LTA4H antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	7D11
Purity/Purification	LTA4H 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	500 ug-1 mg/ml (varies by lot)
Sequence Length	611
Applicable Applications for anti-LTA4H antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	LTA4H hydrolyzes an epoxide moiety of leukotriene A4 (LTA-4) to form leukotriene B4 (LTB-4). The enzyme also has some peptidase activity.
Cross-Reactivity	Human
Immunogen	LTA4H antibody was raised in mouse using a full length recombinant protein of human LTA4H (NP_000886) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Shipping: Blue ice (4 degree C). Upon receipt store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant LTA4H protein using LTA4H antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of LTA4H protein in paraffin embedded Human kidney tissue using LTA4H antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LTA4H protein (Right) or empty vector (Left) detected with LTA4H antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using LTA4H antibody (AAA107296). Flow Cytometric analysis of HEK293T cells transfected with either recombinant LTA4H protein (red) or empty vector (blue) stained using LTA4H antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LTA4H antibody	Mouse monoclonal LTA4H antibody
Product Categories/Family for anti-LTA4H antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505029
NCBI GeneID	4048
NCBI Accession #	NP_000886
NCBI GenBank Nucleotide #	NM_000895.2
UniProt Accession #	P09960; Q6IAT6; Q9UCT7; B4DNQ9; F8VV40
NCBI Official Full Name	leukotriene A-4 hydrolase isoform 1
NCBI Official Synonym Full Names	leukotriene A4 hydrolase
NCBI Official Symbol	LTA4H
NCBI Protein Information	leukotriene A-4 hydrolase
UniProt Protein Name	Leukotriene A-4 hydrolase
UniProt Gene Name	LTA4H
UniProt Synonym Gene Names	LTA4; LTA-4 hydrolase
UniProt Entry Name	LKHA4_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/lta4h-antibody-clone-7d11-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107296>