

Mouse LTA4H Monoclonal Antibody | anti-LTA4H antibody

LTA4H antibody

CATALOG # AAA106593	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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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	8F4
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	587
Applicable Applications for anti-LTA4H antibody	WB (Western Blot), IHC (Immunohistochemistry)
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, Dog, Rat
Immunogen	LTA4H antibody was raised in mouse using a protein expressed in 293T cell transfected with human LTA4H expression vector 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


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


IHC (Immunohistochemistry)

Immunohistochemical analysis of LTA4H protein in paraffin embedded Human pancreas tissue 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 #	375331879
NCBI GeneID	4048
NCBI Accession #	NP_001243572.1
NCBI GenBank Nucleotide #	NM_001256643.1
UniProt Accession #	P09960; Q6IAT6; Q9UCT7; B4DNQ9; F8VV40
Molecular Weight	66,852 Da
NCBI Official Full Name	leukotriene A-4 hydrolase isoform 2
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-8f4-western-blot-immunohistochemistry-elisa/106593>