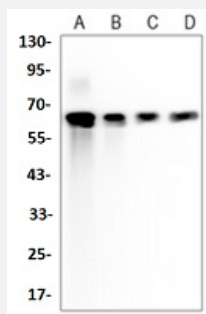


RecomAb™

LTA4H recombinant monoclonal antibody

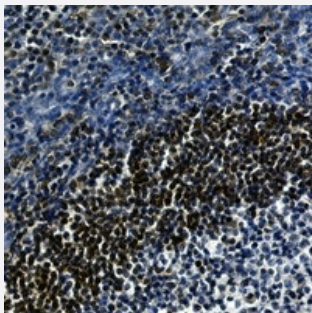
Catalog # RAB02517 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of K562 (A), C6 (B), NIH3T3 (C), HeLa (D) whole cell lysates with LTA4H recombinant monoclonal antibody (Cat # RAB02517).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human tonsil formalin fixed paraffin embedded tissue section using LTA4H recombinant monoclonal antibody (Cat # RAB02517). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.123). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LTA4H.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human Leukotriene A4 hydrolase.
Theoretical MW (kDa)	65
Reactivity	Human, Mouse, Rat

Specificity	Recognizes endogenous levels of LTA4H protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of K562 (A), C6 (B), NIH3T3 (C), Hela (D) whole cell lysates with LTA4H recombinant monoclonal antibody (Cat # RAB02517).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human tonsil formalin fixed paraffin embedded tissue section using LTA4H recombinant monoclonal antibody (Cat # RAB02517). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.123). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Gene Info — LTA4H

Entrez GeneID	4048
Protein Accession#	P09960
Gene Name	LTA4H
Gene Alias	-
Gene Description	leukotriene A4 hydrolase

Omim ID	151570
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	-
--------------------	---

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Fish Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Leprosy](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)

- [Renal Insufficiency](#)
- [Stroke](#)
- [Tuberculosis](#)
- [Werner syndrome](#)