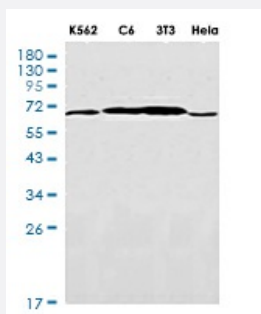


RecomAb™

# LTA4H recombinant monoclonal antibody, clone R04-6H4

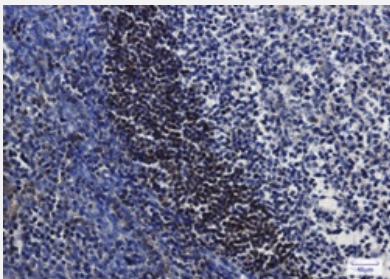
Catalog # RAB01246      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Leukotriene A4 hydrolase/LTA4H in K562, C6, 3T3, HeLa lysates using Leukotriene A4 Hydrolase antibody.



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

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Leukotriene A4 hydrolase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Specification

|                             |                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Rabbit recombinant monoclonal antibody raised against human LTA4H.                                       |
| <b>Antibody Species</b>     | Rabbit                                                                                                   |
| <b>Immunogen</b>            | Original antibody is raised against recombinant protein corresponding to human Leukotriene A4 hydrolase. |
| <b>Theoretical MW (kDa)</b> | Calculated MW: 69 kD                                                                                     |
| <b>Reactivity</b>           | Human                                                                                                    |
| <b>Form</b>                 | Liquid                                                                                                   |

|                     |                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | Affinity purification                                                                                                                                      |
| Isotype             | IgG                                                                                                                                                        |
| Recommend Usage     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)<br>Western Blot<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)                                                                 |
| Storage Instruction | Store at 4°C. For longer storage, aliquot and store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                           |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                     |

## Applications

- Western Blot

Western blot analysis of Leukotriene A4 hydrolase/LTA4H in K562, C6, 3T3, Hela lysates using Leukotriene A4 Hydrolase antibody.

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

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Leukotriene A4 hydrolase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Gene Info — LTA4H

|                    |                           |
|--------------------|---------------------------|
| Entrez GeneID      | <a href="#">4048</a>      |
| Protein Accession# | <a href="#">P09960</a>    |
| Gene Name          | LTA4H                     |
| Gene Alias         | -                         |
| Gene Description   | leukotriene A4 hydrolase  |
| Omim ID            | <a href="#">151570</a>    |
| Gene Ontology      | <a href="#">Hyperlink</a> |
| 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](#)