

## Recombinant Leukotriene A4 Hydrolase Monoclonal Antibody

**catalog number: E-AB-81478**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

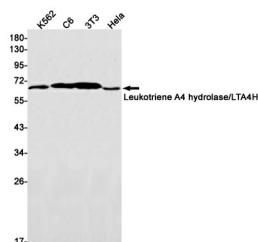
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	A synthetic peptide of human Leukotriene A4 hydrolase
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R04-6H4
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications

### Recommended Dilution

<b>WB</b>	1:2000-1:3000
<b>IHC</b>	1:50-1:100

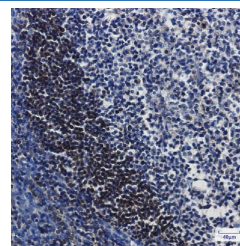
### Data



Western blot detection of Leukotriene A4 hydrolase/LTA4H in K562,C6,3T3,HeLa cell lysates using Leukotriene A4 hydrolase/LTA4H Rabbit mAb(1:1000 diluted).Predicted band size:69kDa.Observed band size:69kDa.

**Observed-MW:69 kDa**

**Calculated-MW:69 kDa**



Immunohistochemistry of Leukotriene A4 hydrolase in paraffin-embedded Human tonsil using Leukotriene A4 hydrolase Rabbit mAb at dilution 1:50

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

LTA4H (Leukotriene A4-hydrolase ) is a Zn<sup>2+</sup>-containing enzyme with both epoxide hydrolase and aminopeptidase activity. As an epoxide hydrolase, LTA4H catalyzes the hydration of LTA4 to leukotriene B4 (LTB4, 5S,12R-dihydroxy-6,14-cis-8,10-trans-eicosatetraenoic acid), a potent lipid chemoattractant that influences inflammation, immune response s, and host defense against infection. As an aminopeptidase, LTA4H catalyzes the cleavage of amides of para-nitroaniline. The human LTA4H gene encodes a 610 amino acid protein.

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