

Anti-Leukotriene A4 Hydrolase/LTA4H antibody



Catalog Number: 104163

Product name

Rabbit IgG

Anti-Leukotriene A4 Hydrolase/LTA4H antibody

Applications

Immunogen

ELISA, WB, IF, IP, ICC/IF

[Human Leukotriene A4 Hydrolase/LTA4H \(His Tag\) recombinant protein](#)

Dilutions

Specificity

Human Leukotriene A4 Hydrolase / LTA4H No cross activity in ELISA with Mouse LTA4H

WB: 5-10 µg/mL

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human LTA4H.

Antibody description

Rabbit monoclonal to Leukotriene A4 Hydrolase/LTA4H

ICC/IF: 10-25 µg/mL

IP: 2-10 µg/mg of lysate

Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human Leukotriene A4 Hydrolase / LTA4H (rh Leukotriene A4 Hydrolase / LTA4H; NP_000886.1; Met 1-Asp 611).

Validations

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

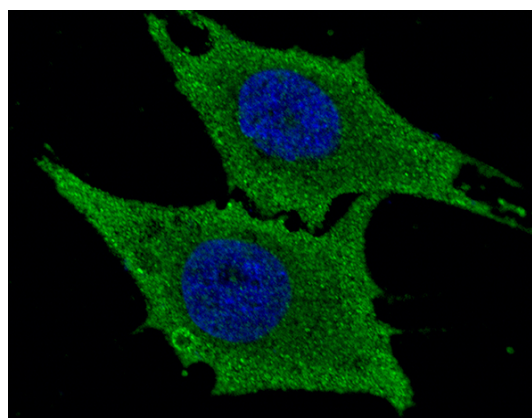
Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type



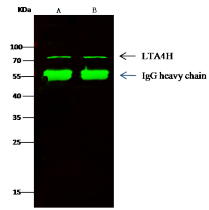
Leukotriene A4 Hydrolase / LTA4H Antibody, Rabbit MAb

Immunofluorescence staining of Human LTA4H in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human LTA4H monoclonal antibody (15 µg/ml) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.

Anti-Leukotriene A4 Hydrolase/LTA4H antibody

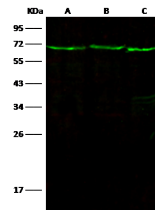


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Items	Lanes	
	A	B
Sample (whole cell lysate)	HeLa	293T
Sample quantity	0.5 mg	
IP antibody quantity	2 µg	
Protein G agarose	15 µl of 50% Protein G Agarose	
Gel	13% SDS-PAGE reducing gel	
Primary antibody	LTA4H antibody at 5 µg/ml [Cat# 10276-R201]	
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.	

Leukotriene A4 Hydrolase / LTA4H Antibody, Rabbit MAb, Immunoprecipitation



Items	Lanes		
	A	B	C
Sample (whole cell lysate)	HeLa	A549	293T
Sample Volume (cells/lane)	2.5 × 10 ⁵	5 × 10 ⁵	5 × 10 ⁵
Gel	13% SDS-PAGE reducing gel		
Recommended Concentration	5-10 µg/ml		
Secondary Antibody	Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.		

Leukotriene A4 Hydrolase / LTA4H Antibody, Rabbit MAb, Western blot