

# Product Datasheet

## Leukotriene A4 Hydrolase/LTA4H Antibody (201) - Azide and BSA Free NBP2-89374-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/26/2025 v.20.1

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**NBP2-89374-100ul**

Leukotriene A4 Hydrolase/LTA4H Antibody (201) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	201
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

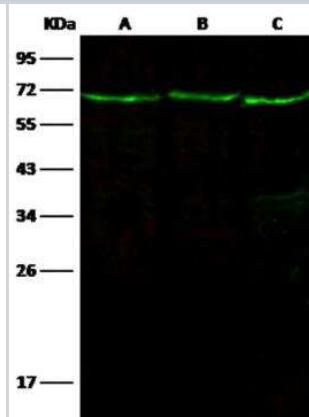
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	4048
Gene Symbol	LTA4H
Species	Human
Specificity/Sensitivity	No cross-reactivity in ELISA with:  Mouse LTA4H
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Leukotriene A4 Hydrolase/LTA4H (Accession#: NP_000886.1; Met 1-Asp 611).

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:25000-1:50000, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 1-2 uL/mg of lysate

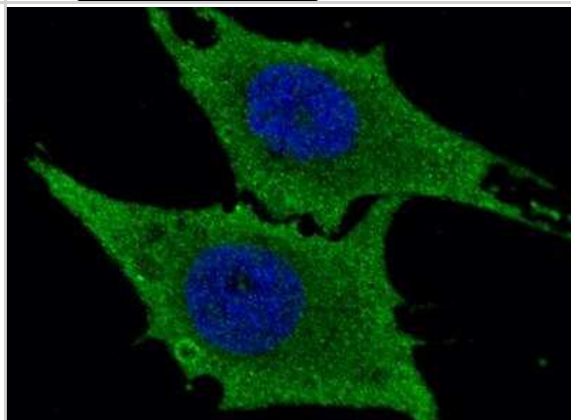


## Images

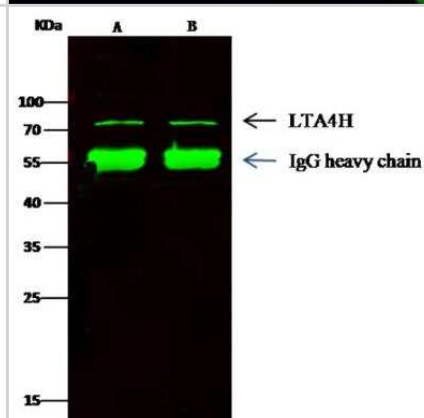
Western Blot: Leukotriene A4 Hydrolase/LTA4H Antibody (201) [NBP2-89374] - Lane A: Hela Whole Cell Lysate Lane B: A549 Whole Cell Lysate Lane C: 293T Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:69 kDa Observed band size:69 kDa



Immunocytochemistry/Immunofluorescence: Leukotriene A4 Hydrolase/LTA4H Antibody (201) [NBP2-89374] - 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 (1:300) at 4c overnight. Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



Immunoprecipitation: Leukotriene A4 Hydrolase/LTA4H Antibody (201) [NBP2-89374] - Lane A:0.5 mg Hela Whole Cell Lysate Lane B:0.5 mg 293T Whole Cell Lysate 0.5 uL anti-LTA4H rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-LTA4H rabbit monoclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 110 kDa Observed band size: 110 kDa





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-89374-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90368PEP	Leukotriene A4 Hydrolase/LTA4H Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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