

# Product Datasheet

## LIME Antibody (LIME-10) - BSA Free NB500-343

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-343****LIME Antibody (LIME-10) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	LIME-10
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Target Molecular Weight</b>	30 kDa

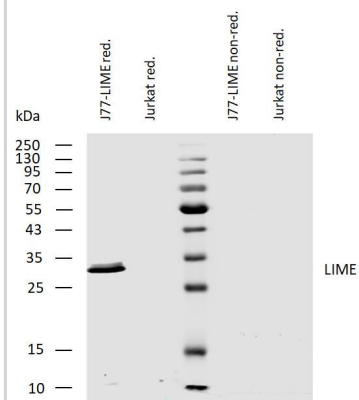
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse LIME Antibody (LIME-10) - BSA Free (NB500-343) is a monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	54923
<b>Gene Symbol</b>	LIME1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody LIME-10 reacts with the cytoplasmic domain of LIME, a 30 kDa Lck-interacting transmembrane adaptor expressed by T cells.
<b>Immunogen</b>	COOH-terminal peptide comprising residues 281-296 of the human LIME conjugated to keyhole limpet hemocyanin.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot Reducing conditions; 1ug/ml, Flow Cytometry 1-5 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml
<b>Application Notes</b>	Western Blot: Predicted molecular weight 32.3 kDa.

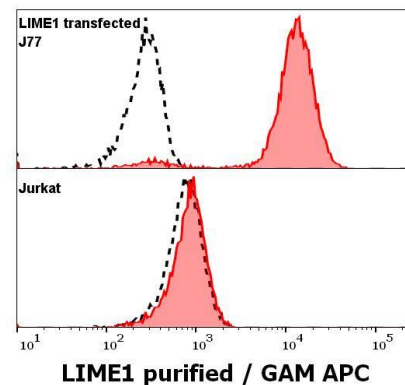


## Images

Analysis of human LIME using mouse monoclonal antibody LIME-10 on lysates of J77-LIME transfectants and Jurkat cells under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 1  $\mu\text{g/ml}$  of mouse monoclonal antibody followed by IRDye800-conjugated anti-mouse secondary antibody. LIME was detected around 30 kDa.



Flow Cytometry: LIME Antibody (LIME-10) - BSA Free [NB500-343] - Anti-Hu LIME1 purified antibody (clone LIME-10) (concentration in sample 1  $\mu\text{g/ml}$ , red-filled histogram) binds specifically to intracellular LIME1 in transfected cells (upper panel), but not to Jurkat cells (lower panel). Level of non-specific binding was assessed using Mouse IgG1 isotype control purified antibody (MOPC-21) under same conditions (concentration in sample 1  $\mu\text{g/ml}$ , black-dashed histogram).





### **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 NB500-343**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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