

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

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	LIME-10
Preservative	0.9% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	30 kDa

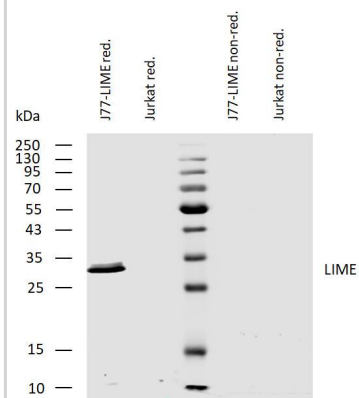
Product Description	
Host	Mouse
Gene ID	54923
Gene Symbol	LIME1
Species	Human
Specificity/Sensitivity	The antibody LIME-10 reacts with the cytoplasmic domain of LIME, a 30 kDa Lck-interacting transmembrane adaptor expressed by T cells.
Immunogen	COOH-terminal peptide comprising residues 281-296 of the human LIME conjugated to keyhole limpet hemocyanin.

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

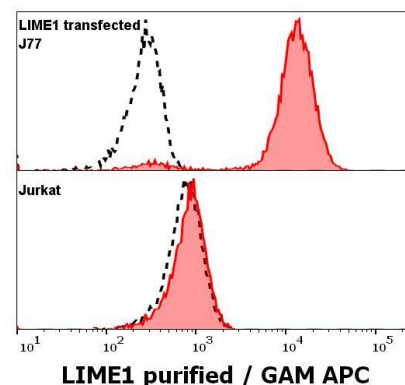


Images

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 µg/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 µg/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 µg/ml, black-dashed histogram).





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Products Related to NB500-343

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
202-IL-010	IL-2 [Unconjugated]

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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