

Product Datasheet

Lysozyme Antibody (LYZ/3942) - Azide and BSA Free NBP3-14114

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-14114

Lysozyme Antibody (LYZ/3942) - Azide and BSA Free

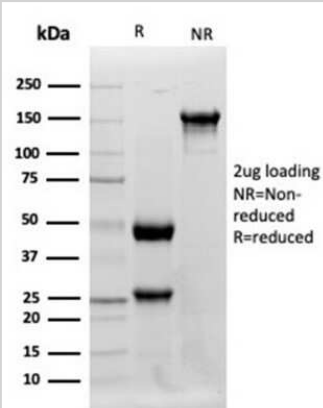
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	LYZ/3942
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10mM PBS
Target Molecular Weight	17 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-13961). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	4069
Gene Symbol	LYZ
Species	Human
Marker	Histiocytoma & Monocytic Acute Leukemia Marker
Specificity/Sensitivity	Lysozyme is an enzyme, commonly referred to as the body's own antibiotic since it kills bacteria. Natural substrate of lysozyme is the bacterial cell wall peptidoglycan (cleaving the beta[1-4]glycosidic linkages between N-acetylmuramic acid and N-acetylglucosamine). Lysozyme is one of the antimicrobial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. The protein has antibacterial activity against a number of bacterial species. Lysozyme is synthesized predominantly in reactive histiocytes rather than in resting, unstimulated phagocytes. This antibody labels myeloid cells, histiocytes, granulocytes, macrophages and monocytes. It is helpful in the identification of myeloid or monocytic nature of acute leukemia.
Immunogen	Recombinant fragment of human Lysozyme protein (around aa 18-147) (exact sequence is proprietary) (Uniprot: P61626)

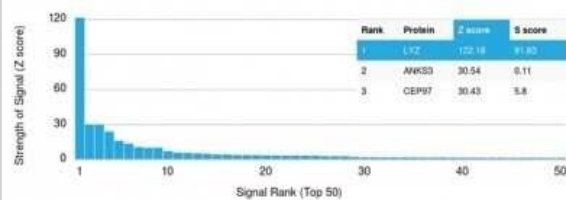
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes

Images

Western Blot: Lysozyme Antibody (LYZ/3942) - Azide and BSA Free [NBP3-14114] - Western blot analysis of human spleen tissue and HepG2 cell lysates using Lysozyme Antibody (LYZ/3942).



Protein Array: Lysozyme Antibody (LYZ/3942) - Azide and BSA Free [NBP3-14114] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Lysozyme Antibody (LYZ/3942).





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Products Related to NBP3-14114

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
P5238	Lysozyme Native Protein

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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