

Product Datasheet

Lysozyme Antibody (LYZ/3942) [Janelia Fluor® 549] NBP3-14114JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14114JF549

Lysozyme Antibody (LYZ/3942) [Janelia Fluor® 549]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	LYZ/3942
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Janelia Fluor 549
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	4069
Gene Symbol	LYZ
Species	Human
Reactivity Notes	0
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)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-14114JF549

NBP1-43317JF549	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Janelia Fluor 549]
P5238	Lysozyme Native Protein
210-TA-005	TNF-alpha [Unconjugated]
NBL1-12771	Lysozyme Overexpression Lysate

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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