

# Product Datasheet

## Lysozyme Antibody (LYZ/3942) [DyLight 755] NBP3-14114IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14114IR**

Lysozyme Antibody (LYZ/3942) [DyLight 755]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	LYZ/3942
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Conjugate</b>	DyLight 755
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	4069
<b>Gene Symbol</b>	LYZ
<b>Species</b>	Human
<b>Reactivity Notes</b>	0
<b>Marker</b>	Histiocytoma & Monocytic Acute Leukemia Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Recombinant fragment of human Lysozyme protein (around aa 18-147) (exact sequence is proprietary) (Uniprot: P61626)
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Protein Array
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry-Paraffin, Protein Array
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-14114IR**

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NBP1-43317IR	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 755]
P5238	Lysozyme Native Protein
210-TA-005	TNF-alpha [Unconjugated]
NBL1-12771	Lysozyme Overexpression Lysate

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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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