

Mouse anti-Human Lysozyme Monoclonal Antibody | anti-LYZ antibody

Lysozyme (Histiocytoma & Monocytic Acute Leukemia Marker) Mouse Monoclonal Antibody [Clone LYZ/3941]

CATALOG # AAA215776	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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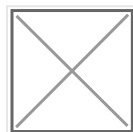
PRODUCT SYNONYMS

Lysozyme; Monoclonal Antibody; Lysozyme (Histiocytoma & Monocytic Acute Leukemia Marker) Mouse Monoclonal Antibody [Clone LYZ/3941]; Lysozyme (Histiocytoma & Monocytic Acute Leukemia Marker); 1 4 beta N acetilmuramidase C; Lysozyme C; LYZ; LYM; Renal amyloidosis; anti-LYZ antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	LYZ/3941
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-LYZ antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of human Lysozyme protein (around aa 18-147) (exact sequence is proprietary)
Cellular Localization	Secreted
Positive Control	Human tonsil, spleen, lung or kidney.
Hu-chromosome Location	12q15
Unigene	524579
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human spleen stained with Lysozyme Mouse Monoclonal Antibody (LYZ/3941).

ADDITIONAL INFORMATION

Related Product Information for anti-LYZ antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48428995
NCBI GeneID	4069
UniProt Accession #	P61626; P00695; Q13170; Q9UCF8
Molecular Weight	148
NCBI Official Full Name	Lysozyme C
NCBI Official Synonym Full Names	lysozyme
NCBI Official Symbol	LYZ
NCBI Official Synonym Symbols	LZM
NCBI Protein Information	lysozyme C; c-type lysozyme; 1,4-beta-N-acetylmuramidase C
UniProt Protein Name	Lysozyme C
UniProt Gene Name	LYZ
UniProt Synonym Gene Names	LZM
UniProt Entry Name	LYSC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lysozyme-antibody-clone-lyz-3941-immunohistochemistry-elisa/215776>