

Product datasheet for **BM5023**

Lysozyme (LYZ) Mouse Monoclonal Antibody [Clone ID: LYZ-Z]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LYZ-Z
Applications:	FC, IF, IHC, WB
Recommended Dilution:	Immunoblotting. Flow Cytometry. Immunocytology. Cytological Material. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin-Embedded Sections. Working Dilution: 1/20. Dilution Buffer: PBS with 0.09% Sodium Azide and 0.5% BSA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human lysozyme
Specificity:	This antibody can be used for the Immunohistochemical detection of histiocytic neoplasia and myeloid leukemias. Monocytic leukemia cells show strong positive immune reaction. Weak reaction is also found with granulocytes. LYZ-Z blocks the catalytic activity of Human Lysozyme. Negative Species: Rabbit.
Formulation:	PBS, pH 7.4 State: Purified State: Lyophilized purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Reconstitution Method:	Restore in 1.0 ml distilled water.
Purification:	Protein A Chromatography



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Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	lysozyme
Database Link:	Entrez Gene 4069 Human P61626
Background:	Lysozyme catalyzes the hydrolysis of certain mucopolysaccharides of bacterial cell walls. Specifically, it catalyzes the hydrolysis of the bacterial cell wall beta glycosidic linkages between N acetylmuramic acid and N acetylglucosamine. It is found in spleen, lung, kidney, white blood cells, plasma, saliva, milk, and tears.
Synonyms:	LYZ, LZM