

BM5023**Monoclonal Antibody to Lysozyme C - Purified**

Alternate names:	1, 4-beta-N-acetylmuramidase C, LYZ, LZM
Quantity:	50 µg
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.
Uniprot ID:	P61626
NCBI:	NP_000230.1
GeneID:	4069
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	LYZ-Z
Immunogen:	Human lysozyme
Format:	State: Lyophilized purified IgG fraction Purification: Protein A Chromatography Buffer System: PBS, pH 7.4 Preservatives: 0.09% Sodium Azide Stabilizers: 0.5% BSA Reconstitution: Restore in 1.0 ml distilled water.
Applications:	Immunoblotting. Flow Cytometry. Immunocytology. Cytological Material. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin-Embedded Sections. <u>Working Dilution:</u> 1/20. <u>Dilution Buffer:</u> PBS with 0.09% Sodium Azide and 0.5% BSA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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.
Species Reactivity:	Tested: Human.

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.
Shelf life: one year from despatch.