

Product datasheet for **BM003**

Lysozyme (LYZ) Mouse Monoclonal Antibody [Clone ID: 0696/5B1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	0696/5B1
Applications:	ELISA
Recommended Dilution:	ELISA. Immunohistochemistry on paraffin sections: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Recommended Positive Control: Human Tonsil.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Native, from urine
Specificity:	This antibody recognizes lysozyme.
Formulation:	PBS, pH 7.2 containing 0.09% sodium azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	lysozyme
Database Link:	Entrez Gene 4069 Human P61626



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Background: Lysozyme is an enzyme that is present in mucosal secretions such as saliva and tears and is involved with non-specific organism defence. It functions by hydrolyzing 1,2-beta linkages between Nacetylmuramic acid and N-acetyl-D-glucosamine residues such as those found in the walls of various Grampositive bacteria.

Synonyms: LYZ, LZM