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Product datasheet for AP08130PU-N

Lysozyme (LYZ) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Suitable for Immunohistochemistry and Immunocytochemistry (Frozen or Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections and cell smears): 1/50-1/100 using streptavidin~biotin system or polymer system. Recommended positive control: Human tonsil.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Purified human Lysozyme from the urine of patients with monocytic leukemia.
Specificity:	This antibody labels myeloid cells, histocytes, granulocytes, macrophages and monocyes. It is helpful in detection of myeloid or monocytic nature of acute leukemia. Cellular Localization: Cytoplasmic.
Formulation:	PBS, pH 7.4 containing 0.05% Sodium Azide as preservative and 1% BSA as stabilizer. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
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 129 amino acids, 14.4 kDa enzyme that hydrolyzes 1,4 beta linkage between N-acetylmuramic acid and N-acetyl glucosamine residue in peptiglycan and between N-acetyl glucosamine's residues in chitodextrins. It is found in secretions, tears, saliva and mucus. It is also found in Cytoplasmic granules of the polymorphonuclear neutrophils (PMN) and egg whites. It has also been reported in spleen, kidney, lung, WBC and plasma.
Synonyms:	LYZ, LZM