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## Lysozyme Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251109

**Unit:** 0.1 mg

### Description:

Lysozyme (Lysozyme C, 1,4-beta-N-acetylmuramidase C) has primarily a bacteriolytic function, enhancing the activity of immunoagents. Lysozyme's catalytic activity is hydrolysis of (1->4)-beta linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine residues in a peptidoglycan and between N-acetyl-D-glucosamine residues in chitotoxins. Defects in lysozyme are a cause of amyloidosis type 8 (AMYL8), also known as systemic non-neuropathic amyloidosis or Ostertag-type amyloidosis. Clinical features include renal amyloidosis resulting in nephrotic syndrome, arterial hypertension, hepatosplenomegaly, cholestasis, and petechial skin rash.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M, R, GP, Rb, D

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** Lysozyme; Lysozyme C; 1,4-beta-N-acetylmuramidase C; LYZ

**Accession No.:** P61626

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human lysozyme.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.