

Product datasheet for **AP32827FC-N**

LYZ Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC
Recommended Dilution:	In immunocytochemical and immunohistochemical techniques for the detection of lysozyme at the cellular and subcellular level in appropriately treated cell and tissue substrates. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Recommended Working Dilutions: histochemical and cytochemical Use: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Highly purified lysozyme is isolated from pooled milk. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The reactivity of the antiserum is restricted to lysozyme. In immunoelectrophoresis and radial immunodiffusion (Ouchterlony), using various antiserum concentrations against normal human milk and tears a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified lysozyme. No reaction is obtained with any other plasma protein component or serum. Cross-reactivity: The antiserum does not cross-react with any other component of human plasma. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.



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Formulation:	PBS, pH 7.2 Label: FITC State: Lyophilized Purified hyperimmune IgG fraction Stabilizer: None Preservative: None Label: Fluorescein isothiocyanate isomer 1 Absorption emission: 492 nm / 515 nm Molar ratio: ~1.3
Reconstitution Method:	Restore by adding 1 ml sterile distilled water
Concentration:	lot specific
Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt precipitation and purification of the IgG fraction by DEAE-chromatography
Conjugation:	FITC
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 (renal amyloidosis)
Database Link:	Entrez Gene 396218 Chicken P00698
Background:	Lysozyme, a bacteriolytic enzyme, has a molecular weight of about 15,000. Its concentration in plasma is low; in milk the concentration is reported to be between 5 and 220 mg/ml. Also tears contain a considerable amount of lysozyme.
Synonyms:	LYZ, LZM