

Product Datasheet

Lysozyme Antibody [Biotin]

NB100-2005-0.002g

Unit Size: 0.002 g

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-2005-0.002g

Lysozyme Antibody [Biotin]

Product Information	
Unit Size	0.002 g
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room</p> <p>This antibody is an IgG fraction purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified Lysozyme [Hen Egg White]</p>
Host	Rabbit
Gene ID	4069
Gene Symbol	LYZ
Species	Chicken
Reactivity Notes	A BLAST analysis was used to suggest that this antibody would react with all forms of lysozyme from chicken, including precursor as well as A and B chains. Chains designated as M, L, F, C, Y and D also show 100% sequence homology. Lysozyme from quail and pheasant are also reported to be 100% identical with HEW lysozyme. Cross reactivity against lysozyme from other sources may occur but has not been specifically determined
Marker	Histiocytic Marker
Specificity/Sensitivity	This purified antibody is directed against lysozyme from hen egg white protein.
Immunogen	This purified Lysozyme Antibody was prepared from whole rabbit serum produced by repeated immunizations with full length protein corresponding to amino acids 1-129 of Hen Egg White Lysozyme. (Uniprot: Q6LEL2)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, ELISA 1:20000, Immunohistochemistry 1:1000-1:5000, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin 1:10-1:500



Application Notes

This product has been tested by ELISA and western blot and is suitable for IP. Researchers should determine optimal titers for applications that are not stated below.

Images

Western Blot: Lysozyme Antibody [Biotin] [NB100-2005] - Lane 1: Lane 1: purified Lysozyme reduced. Lane 2: purified Lysozyme non-reduced. Predicted/Observed size: 4.9kDa, 5 kDa for Lysozyme. Other band(s): none.





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Products Related to NB100-2005-0.002g

NBP2-29370	Streptavidin Native Protein
NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
P5238	Lysozyme Native Protein
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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