

# Product Datasheet

## Ovalbumin Antibody [Biotin]

### NB600-924-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NB600-924-0.1mg**

Ovalbumin Antibody [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

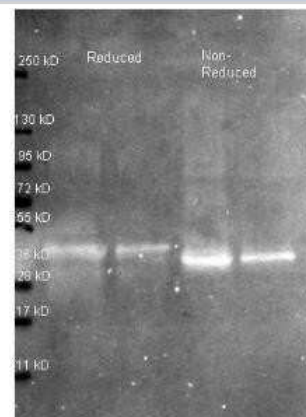
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This antibody is an IgG fraction antibody 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 Ovalbumin [Hen Egg White]</p>
Host	Rabbit
Gene ID	396058
Gene Symbol	OVAL
Species	Chicken
Reactivity Notes	Cross reactivity against Ovalbumin from other sources is unknown
Specificity/Sensitivity	Cross reactivity against Ovalbumin from other sources is unknown.
Immunogen	Ovalbumin [Hen Egg White] (Uniprot: P01012)

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA 1:30000, Dot Blot
Application Notes	This antibody Biotin Conjugated is suitable for both ELISA, and for western blotting. In western blots anti-ovalbumin detects a single band of the expected apparent molecular weight. Researchers should determine optimal titers for applications that are not stated below.

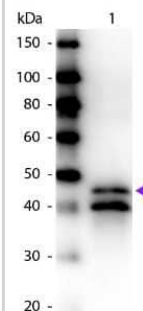


## Images

Western Blot: Ovalbumin Antibody [Biotin] [NB600-924] - Lane 1: ~1 ug Ovalbumin protein reduced. Lane 2: 0.25 ug Ovalbumin protein reduced. Lane 3: ~1 ug Ovalbumin protein non-reduced. Lane 4: 0.25 ug Ovalbumin protein non-reduced. Primary antibody: Ovalbumin antibody at 1:5000 for overnight at 4C. Secondary antibody: Atto 425 conjugated goat anti rabbit secondary antibody at 1:10,000 for 1.5 hr at RT. Block buffer overnight at 4C. Predicted/Observed size: 42.9 kDa, ~36 kDa for ovalbumin.



Western Blot: Ovalbumin Antibody [Biotin] [NB600-924] - Lane 1: Ovalbumin. Lane 2: None. Load: 50 ng per lane. Primary antibody: Ovalbumin biotin conjugated primary antibody at 1:1,000 for 60 min at RT. Secondary antibody: Peroxidase streptavidin secondary antibody at 1:40,000 for 30 min at RT. Blocking: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 45 kDa, 45 kDa for Ovalbumin. Other band(s): Ovalbumin splice variants and isoforms.



## Publications

Wang J, Zhang Y, Wei J et al. Lewis X oligosaccharides targeting to DC-SIGN enhanced antigen-specific immune response Immunology 2007-06-01 [PMID: 17371544]

### Details:

This citation used the HRP version of this antibody.



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### **Products Related to NB600-924-0.1mg**

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NBP2-29370	Streptavidin Native Protein
NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
P5241	Ovalbumin Native Protein

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### **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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