

# Product Datasheet

## Goat anti-Chicken IgG (H+L) Secondary Antibody [Alkaline Phosphatase] NBP1-72588

Unit Size: 1 mg

Store at 4C. Do not freeze.

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Updated 10/23/2024 v.20.1

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**NBP1-72588**

Goat anti-Chicken IgG (H+L) Secondary Antibody [Alkaline Phosphatase]

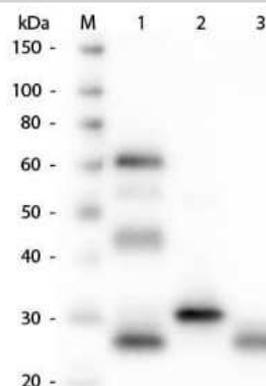
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Conjugate	Alkaline Phosphatase
Purity	Multi-step
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	Store vial at 4C before opening. DO NOT FREEZE. This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.  This product was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Chicken IgG and Chicken Serum.
Host	Goat
Species	Chicken
Immunogen	Chicken IgG whole molecule

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2500, ELISA 1:2000 - 1:10000, Immunohistochemistry 1:200 - 1:1000
Application Notes	This product has been tested by ELISA, dot blot, and western blot and is suitable for immunoelectron microscopy and immunohistochemistry as well as other antibody based enzymatic assays requiring lot-to-lot consistency.

**Images**

Western Blot: Goat anti-Chicken IgG (H+L) Secondary Antibody [Alkaline Phosphatase] [NBP1-72588] - Western Blot of Unconjugated Goat anti-Chicken IgG (H+L) Secondary antibody [Alkaline Phosphatase]. Lane M: 3 ul Molecular Ladder. Lane 1: Chicken IgG whole molecule. Lane 2: Chicken IgG F(c) Fragment. Lane 3: Chicken IgG Fab Fragment. All samples were reduced. Load: 50 ng per lane. Block for 30 min at RT. Primary Antibody: Goat anti-Chicken IgG (H+L) Secondary antibody [Alkaline Phosphatase] 1:1,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in blocking buffer for 30 min at RT. Predicted/Observed Size: 25 and 72 kDa for Chicken IgY, 25 kDa for F(c) and Fab. Chicken F(c) migrates slightly higher.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112

USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

[nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

[canada.inquires@bio-techne.com](mailto:canada.inquires@bio-techne.com)

### **Bio-Techne Ltd**

19 Barton Lane

Abingdon Science Park

Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

[info.EMEA@bio-techne.com](mailto:info.EMEA@bio-techne.com)

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Limitations**

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

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