# **Product Datasheet**

# Goat anti-Chicken IgG (H+L) Secondary Antibody [Texas Red] (Pre-adsorbed) NB120-7116

Unit Size: 0.2 mg

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

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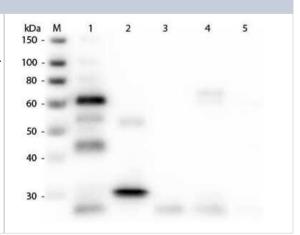
#### NB120-7116

| Goat anti-Chicken IgG (H+L) Secondary Antibody [Texas Red] (Pre-adsorbed) |   |
|---|---|
| Product Information   |   |
| Unit Size   | 0.2 mg  |
| 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   | Texas Red   |
| 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   | 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  This product was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken IgG coupled to agarose beads followed by conjugation to fluorochrome and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Chicken IgG and Chicken Serum |
| Host  | Goat  |
| Species   | Chicken   |
| Specificity/Sensitivity   | No reaction was observed against Bovine, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins. This antibody will react with heavy chains of Chicken IgG and with light chains of most Chicken immunoglobulins.   |
| Immunogen   | Chicken IgG whole molecule  |
| Product Application Details   |   |
| Applications  | Western Blot, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence   |
| Recommended Dilutions   | Western Blot 1:1000 - 1:10000, Flow Cytometry 1:500 - 1:2500,<br>Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000, Fluorophore-linked<br>immunosorbent assay 1:10000 - 1:50000   |
| Application Notes   | This product has been tested by western blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.   |



#### **Images**

Western Blot: Goat anti-Chicken IgG (H+L) Secondary Antibody [Texas Red] (Pre-adsorbed) [NB120-7116] - Western Blot of unconjugated Goat anti-Chicken IgG (H+L) Secondary antibody [Texas Red] (Pre-adsorbed). 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. Lane 4: Chicken IgM Whole Molecule. Lane 5: Chicken Serum. 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 [Texas Red] (Pre-adsorbed) 1:3,000 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 and Serum, 25 kDa for F(c) and Fab, 75 kDa for IgM. 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

#### ierzervice@pio-tec

### **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

#### **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

#### **General Contact Information**

www.novusbio.com Technical Support: nb-technical@biotechne.com

Orders: nb-customerservice@bio-techne.com

General: 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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