

# Product Datasheet

## Goat anti-Rabbit IgG (H+L) Secondary Antibody [Texas Red] NB120-6719

Unit Size: 1 mg

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

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**NB120-6719**

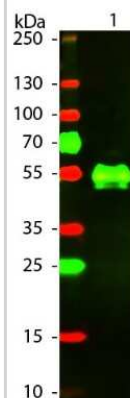
Goat anti-Rabbit IgG (H+L) Secondary Antibody [Texas Red]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 1 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                      | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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 product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rabbit IgG and Rabbit Serum.</p> |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                   | Rabbit IgG whole molecule                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications                | Western Blot, Dot Blot, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot 1:1000 - 1:10000, Flow Cytometry 1:500-1:2500, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000, Immunohistochemistry-Paraffin 1:50 - 1:200, Dot Blot, Fluorophore-linked immunosorbent assay 1:10000 - 1:50000                                                                                                                                                                        |
| Application Notes           | This secondary antibody 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.                                                                                                                                                                  |

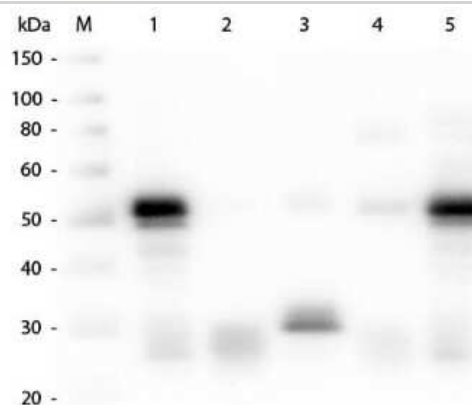


## Images

Western Blot: Goat anti-Rabbit IgG (H+L) Secondary Antibody [Texas Red] [NB120-6719] - Western blot of Goat anti-Rabbit IgG (H+L) Secondary antibody [Texas Red]. Lane 1: Rabbit IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Goat anti-Rabbit IgG (H+L) Secondary antibody [Texas Red] at 1:1,000 for 60 min at RT. Blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Rabbit IgG. Other band(s): None.

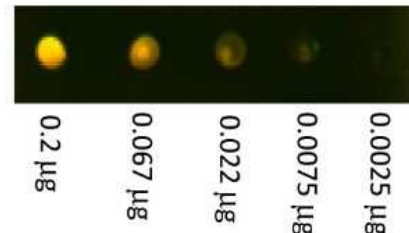


Western Blot: Goat anti-Rabbit IgG (H+L) Secondary Antibody [Texas Red] [NB120-6719] - Western Blot of Goat anti-Rabbit IgG (H+L) Secondary antibody [Texas Red]. Lane M: 3 ul Molecular Ladder. Lane 1: Rabbit IgG whole molecule. Lane 2: Rabbit IgG F(ab) Fragment. Lane 3: Rabbit IgG F(c) Fragment. Lane 4: Rabbit IgM Whole Molecule. Lane 5: Normal Rabbit Serum. All samples were reduced. Load: 50 ng per lane. Block for 30 min at RT. Primary Antibody: Goat anti-Rabbit IgG (H+L) Secondary antibody [Texas Red] 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/Obsevered Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.



Dot Blot: Goat anti-Rabbit IgG (H+L) Secondary Antibody [Texas Red] [NB120-6719] - Dot Blot showing the detection of Rabbit IgG using Goat anti-Rabbit IgG (H+L) Secondary Antibody [Texas Red]. A three-fold serial dilution of Rabbit IgG starting at 200ng was spotted onto 0.45 um nitrocellulose. After blocking in 5% western blot blocking reagent

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## Publications

Reddy PH, Kshirsagar S, Bose C et al. Rlip Reduction Induces Oxidative Stress and Mitochondrial Dysfunction in Mutant Tau-Expressed Immortalized Hippocampal Neurons: Mechanistic Insights Cells 2023-06-16 [PMID: 37371116] (Immunocytochemistry/ Immunofluorescence)

Atzori MG, Ceci C, Ruffini F Et al. The Anti-Vascular Endothelial Growth Factor Receptor 1 (VEGFR-1) D16F7 Monoclonal Antibody Inhibits Melanoma Adhesion to Soluble VEGFR-1 and Tissue Invasion in Response to Placenta Growth Factor Cancers (Basel) 2022-11-26 [PMID: 36428669] (IHC-P)

Details:

Citation using the HRP version of this antibody.

Posteraro B, Paroni Sterbini F, Petito V et al. Liver Injury, Endotoxemia, and Their Relationship to Intestinal Microbiota Composition in Alcohol-Preferring Rats Alcohol Clin Exp Res 2018-10-16 [PMID: 30320890] (ICC/IF)



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### **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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