

Product Datasheet

Goat anti-Rat IgA Heavy Chain Secondary Antibody [Biotin] NBP1-73678

Unit Size: 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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NBP1-73678**Goat anti-Rat IgA Heavy Chain Secondary Antibody [Biotin]**

| Product Information | |
|------------------------------------|---|
| Unit Size | 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 1.0 ml 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 |

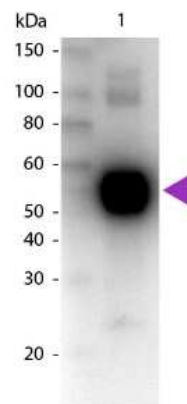
| Product Description | |
|--------------------------------|---|
| Description | <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgA 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-biotin, anti-Goat Serum, Rat IgA and Rat Serum</p> |
| Host | Goat |
| Species | Rat |
| Specificity/Sensitivity | No reaction was observed against other Rat heavy or light chain proteins. |
| Immunogen | Rat IgA alpha heavy chain |

| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, ELISA, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000 |
| Application Notes | This product has been tested by western blot and assayed against 1.0 ug of Rat IgA in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:30,000 of the reconstitution concentration is suggested for this product. |

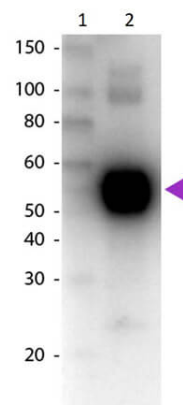


Images

Western Blot: Goat anti-Rat IgA Heavy Chain Secondary Antibody [Biotin] [NBP1-73678] - Lane 1: Mouse IgA Kappa. Lane 2: None. Load: 100 ng per lane. Primary antibody: Rat IgA (Alpha chain) antibody biotin conjugated 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: 55 kDa, 55 kDa for Rat IgA. Other band(s): None.



Western Blot of Biotin Conjugated Goat Anti-Rat IgA (Alpha chain) Secondary Antibody. Lane 1: Molecular Weight Marker. Lane 2: Mouse IgA Kappa. Load: 100 ng per lane. Primary antibody: Rat IgA (Alpha chain) antibody biotin conjugated 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: for 30 min at RT. Predicted/Observed size: 55 kDa, 55 kDa for Rat IgA. Other band(s): None.





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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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