

# Product Datasheet

## Donkey anti-Rat IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) NBP1-75383

Unit Size: 1 mg

Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.

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**NBP1-75383**

Donkey anti-Rat IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed)

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 1 mg   |
| Concentration               | LYOPH mg/ml  |
| Storage                     | Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.   |
| Clonality                   | Polyclonal   |
| Preservative                | 0.05% Sodium Azide   |
| Reconstitution Instructions | Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily. |
| Isotype                     | IgG  |
| Conjugate                   | DyLight 488  |
| Purity                      | Affinity purified  |
| Buffer                      | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free   |

| Product Description     |   |
|-------------------------|---|
| Description             | <p>Purity &gt; 95% based on SDS-PAGE. Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian. After reconstituted, prepare fresh working dilution daily</p> <p>Product is stable for up to 4 weeks at 2-8C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20C.</p> |
| Host                    | Donkey  |
| Species                 | Rat   |
| Reactivity Notes        | Based on IEP, no reactivity is observed to non-immunoglobulin rat serum proteins and IgG from bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rabbit, or sheep   |
| Specificity/Sensitivity | Based on IEP, this Donkey anti-Rat IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) heavy gamma chains on rat IgG and light chains on all rat immunoglobulins. This antibody has been pre-adsorbed against bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rabbit or sheep IgG  |
| Immunogen               | This Donkey anti-Rat IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) was developed against purified rat IgG (H&L).  |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Flow Cytometry, Immunomicroscopy                                    |
| Recommended Dilutions       | Flow Cytometry 1:20-1:2000, Immunomicroscopy 1:20-1:2000            |
| Application Notes           | This conjugate is suitable for immunomicroscopy and flow cytometry. |



## Publications

Ozge E Tasdemir-Yilmaz, Noah R Druckenbrod, Olubusola O Olukoya, Weixiu Dong, Andrea R Yung, Isle Bastille, Maria F Pazyra-Murphy, Austen A Sitko, Evan B Hale, Sébastien Vigneau, Alexander A Gimelbrant, Peter V Kharchenko, Lisa V Goodrich, Rosalind A Segal Diversity of developing peripheral glia revealed by single-cell RNA sequencing. Developmental cell 2021-11-26 [PMID: 34469751]



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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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