

# Product Datasheet

## NF-L Antibody (NEFL/2983R) [DyLight 488] NBP3-08553G

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08553G**

NF-L Antibody (NEFL/2983R) [DyLight 488]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ul  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at 4C in the dark.  |
| Clonality                   | Monoclonal  |
| Clone                       | NEFL/2983R  |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG   |
| Conjugate                   | DyLight 488   |
| Purity                      | Protein A or G purified   |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Host                        | Rabbit  |
| Gene ID                     | 4747  |
| Gene Symbol                 | NEFL  |
| Species                     | Human, Rat, Porcine, Bovine, Canine, Chicken  |
| Marker                      | Neuronal Marker   |
| Specificity/Sensitivity     | This monoclonal antibody reacts with a 68kDa protein, identified as light sub-unit of neurofilaments (NF-L). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neurofilaments consist of three major subunits with molecular weights of 68kDa (NF-L), 160kDa (NF-M) and 200kDa (NF-H). Anti-neurofilament stains a number of neural, neuroendocrine, and endocrine tumors. Neuromas, ganglioneuromas, gangliogliomas, ganglioneuroblastomas, and neuroblastomas stain positively for anti-neurofilament. Neurofilaments are also present in paragangliomas as well as adrenal and extra-adrenal pheochromocytomas. Carcinoids, neuroendocrine carcinomas of the skin, and oat cell carcinomas of the lung also express neurofilament. |
| Immunogen                   | Recombinant full-length human NF-L protein (Uniprot: P07196)  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| Product Application Details |   |
| Applications                | Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Immunohistochemistry-Paraffin   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP3-08553G**

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|                   |   |
|-------------------|---|
| NBP2-24891G       | Rabbit IgG Isotype Control [DyLight 488]    |
| H00004747-P01-2ug | Recombinant Human NF-L GST (N-Term) Protein |
| 7954-GM-010/CF    | GM-CSF [Unconjugated]                       |
| 9715-NF-050       | NF-L [Unconjugated]                         |

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### **Limitations**

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

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