

# Product Datasheet

## LAR/PTPRF Antibody (S165-38) [Alexa Fluor™ Plus 594] NBP2-42172AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-42172AFP594**

LAR/PTPRF Antibody (S165-38) [Alexa Fluor™ Plus 594]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | S165-38   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2a   |
| Conjugate           | Alexa Fluor Plus 594  |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 5792   |
| Gene Symbol             | PTPRF  |
| Species                 | Human, Mouse, Rat  |
| Specificity/Sensitivity | Greater than 80% identity with PTPRD and PTPRS. Greater than 50% identity with PTPRM and PTPRK. Detects approx 85kDa (full length protein is 210 kDa - smaller due to proteolysis into P-subunit containing transmembrane and intracellular domains.   |
| Immunogen               | Fusion protein amino acids 1315-1607 (cytoplasmic C-terminus) of human LAR. 97% identical in both rat and mouse. >80% identity with PTPRD and PTPRS. >50% identity with PTPRM and PTPRK.   |
| Notes                   | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence                  |
| Recommended Dilutions       | Western Blot, Immunocytochemistry/ Immunofluorescence                  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP2-42172AFP594**

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|               |                                       |
|---------------|---------------------------------------|
| NBP1-81325PEP | LAR/PTPRF Recombinant Protein Antigen |
| 291-G1-200    | IGF-I/IGF-1 [Unconjugated]            |
| 9377-PF-050   | LAR/PTPRF [Unconjugated]              |
| AF114         | CD45 Antibody [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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