

# Anti-LAR/PTPRF (Receptor-Type Tyrosine-Protein Phosphatase) Antibody FL594 Conjugate



## Product Details

|                    |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 200 µL (SKU:75-193-FL594)                                                                                                                                                          |
| Conjugate          | FL594 Ex: 594 nm, Em: 615 nm                                                                                                                                                       |
| Isotype            | IgG2a                                                                                                                                                                              |
| Clone              | N165/38                                                                                                                                                                            |
| Gene Name          | PTPRF LAR                                                                                                                                                                          |
| Host Species       | Mouse                                                                                                                                                                              |
| Concentration      | Lot dependent: provided at 0.3-0.5 mg/mL                                                                                                                                           |
| Format             | Purified by Protein A chromatography                                                                                                                                               |
| Physical State     | Liquid                                                                                                                                                                             |
| Buffer             | PBS with 0.09% azide                                                                                                                                                               |
| Production Notes   | Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody. |
| Applications       | ICC                                                                                                                                                                                |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                  |
| Immunogen          | Fusion protein amino acids 1315-1607 (cytoplasmic C-terminus) of human LAR (accession number P10586) produced recombinantly in E. Coli                                             |
| Specificity        | Does not cross-react with PTPRD or PTPRS                                                                                                                                           |
| Molecular Weight   | 85 kDa (full-length is 210 kDa, smaller due to proteolysis into P-subunit containing transmembrane and intracellular domains)                                                      |

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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quality Control      | Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.                                                         |
| Storage              | Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap. |
| Antibody Registry ID | AB_2939714                                                                                                                                                                                                      |
| UniProt ID           | <u>P10586</u>                                                                                                                                                                                                   |
| Country of Origin    | United States                                                                                                                                                                                                   |
| Shipping             | Shipped on ice packs                                                                                                                                                                                            |
| Expiration           | 12 months from date of receipt                                                                                                                                                                                  |
| Usage Statement      | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.                                                                            |

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### Product Images



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Product Page URL: [www.antibodiesinc.com/products/anti-lar-ptprf-receptor-type-tyrosine-protein-phosphatase-antibody-n165-38-75-193-fl594](http://www.antibodiesinc.com/products/anti-lar-ptprf-receptor-type-tyrosine-protein-phosphatase-antibody-n165-38-75-193-fl594)

