

Nur für Forschungszwecke

# FYN Monoklonaler Antikörper

Katalog-Nr.:CL647-66606



## Allgemeine Informationen

|   |  |   |
|---|--|---|
| <b>Katalog-Nr.:</b><br>CL647-66606                                      | <b>GenBank-Zugangsnummer:</b><br>BC032496                              | <b>Reinigungsmethode:</b><br>Protein-G-Reinigung                        |
| <b>Größe:</b><br>100ul , Konzentration: 1000 µg/ml von2534<br>Nanodrop; | <b>GeneID (NCBI):</b><br>FYN oncogene related to SRC, FGR,<br>YES      | <b>CloneNo.:</b><br>1G4B1   |
| <b>Wirt:</b><br>Maus  | <b>Vollständiger Name:</b><br>FYN oncogene related to SRC, FGR,<br>YES | <b>Anregungs-/Emissionsmaxima-<br/>Wellenlängen:</b><br>654 nm / 674 nm |
| <b>Isotyp:</b><br>IgG1  | <b>Berechnete Masse:</b><br>537aa,61 kDa; 482aa,55 kDa                 |   |
| <b>Immunogen Katalognummer:</b><br>AG11127                              | <b>Beobachtete Masse:</b><br>60 kDa                                    |   |

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## Hintergrundinformationen

FYN, also named as p59-Fyn and SLK, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. FYN is implicated in the control of cell growth. It plays a role in the regulation of intracellular calcium levels, with isoform 2 showing the greater ability to mobilize cytoplasmic calcium in comparison to isoform 1. FYN is required in brain development and mature brain function with important roles in the regulation of axon growth, axon guidance, and neurite extension. FYN blocks axon outgrowth and attraction induced by NTN1 by phosphorylating its receptor DDC.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

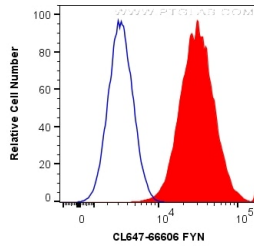
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug Coralite® Plus 647 Anti-Human FYN (CL647-66606, Clone:1G4B1) (red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).