

For Research Use Only

# CoraLite® Plus 488-conjugated FER Monoclonal antibody



Catalog Number: **CL488-67671**

## Basic Information

<b>Catalog Number:</b> CL488-67671	<b>GenBank Accession Number:</b> BC017060	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2241	<b>CloneNo.:</b> 1E3H2
<b>Source:</b> Mouse	<b>Full Name:</b> fer (fps/fes related) tyrosine kinase	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 822 aa, 95 kDa	
<b>Immunogen Catalog Number:</b> AG19176	<b>Observed MW:</b> 95 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human

## Background Information

FER(Tyrosine-protein kinase Fer) is also named as TYK3 and belongs to the protein kinase superfamily. Tyrosine-protein kinase acts downstream of cell surface receptors for growth factors and plays a role in the regulation of the actin cytoskeleton, microtubule assembly, lamellipodia formation, cell adhesion, cell migration and chemotaxis. This protein has 3 isoforms produced by alternative promoter usage and alternative splicing.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

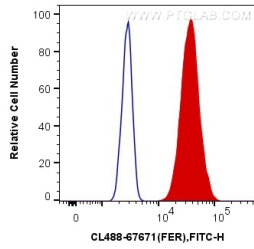
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 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)  
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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human FER (CL488-67671, Clone:1E3H2) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).