

For Research Use Only

CoraLite® Plus 488-conjugated FER Monoclonal antibody



Catalog Number:CL488-67671

Basic Information

Catalog Number: CL488-67671	GenBank Accession Number: BC017060	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2241	CloneNo.: 1E3H2
Source: Mouse	UNIPROT ID: P16591	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Full Name: fer (fps/fes related) tyrosine kinase	
Immunogen Catalog Number: AG19176	Calculated MW: 822 aa, 95 kDa	
	Observed MW: 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

For technical support and original validation data for this product please contact:

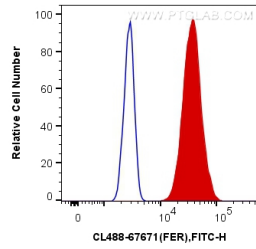
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ 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).