

For Research Use Only

# FER Monoclonal antibody, PBS Only

Catalog Number: 67671-1-PBS



## Basic Information

<b>Catalog Number:</b> 67671-1-PBS	<b>GenBank Accession Number:</b> BC017060	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 2241	<b>CloneNo.:</b> 1E3H2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P16591	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> fer (fps/fes related) tyrosine kinase	
<b>Immunogen Catalog Number:</b> AG19176	<b>Calculated MW:</b> 822 aa, 95 kDa	
	<b>Observed MW:</b> 95 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IF

**Species Specificity:**  
Human, Mouse, Rat

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

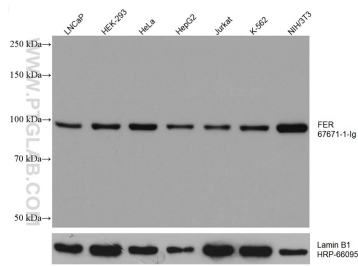
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

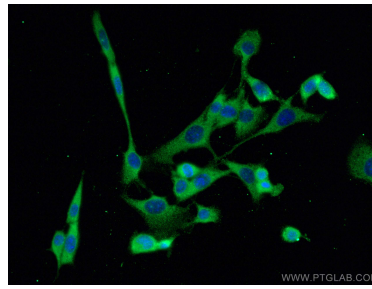
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67671-1-Ig (FER antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 67671-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using FER antibody (67671-1-Ig, Clone: 1E3H2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67671-1-PBS in a different storage buffer formulation.