

For Research Use Only

FER Monoclonal antibody, PBS Only

Catalog Number: 67671-1-PBS



Basic Information

Catalog Number: 67671-1-PBS	GenBank Accession Number: BC017060	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2241	CloneNo.: 1E3H2
Source: Mouse	UNIPROT ID: P16591	
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:
WB, IF, Indirect ELISA

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

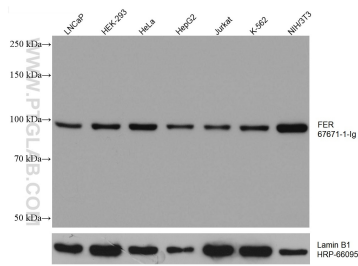
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

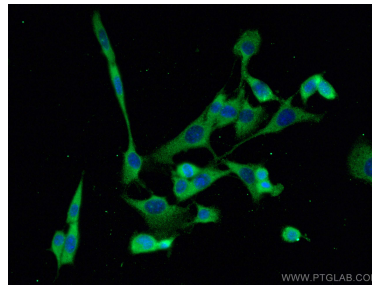
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.