

FER Monoclonal antibody

Catalog Number: 67671-1-Ig

Basic Information

Catalog Number: 67671-1-Ig	GenBank Accession Number: BC017060	Purification Method: Protein A purification
Size: 1600 µg/ml	GeneID (NCBI): 2241	CloneNo.: 1E3H2
Source: Mouse	UNIPROT ID: P16591	Recommended Dilutions: WB 1:2000-1:10000 IF 1:400-1:1600
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: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse, Rat	WB : LNCaP cells, ROS1728 cells, 4T1 cells, HEK-293 cells, Hela cells, HepG2 cells, Jurkat cells, K-562 cells, NIH/3T3 cells
	IF : NIH/3T3 cells,

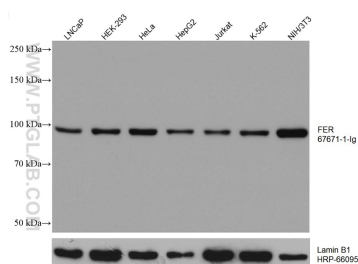
Background Information

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.

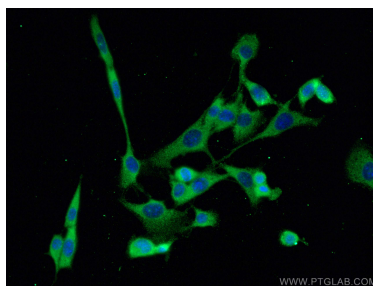
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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.



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).