

For Research Use Only

CoraLite® Plus 488-conjugated Phospho-FAK (Tyr397) Recombinant antibody

Catalog Number: CL488-83933



Basic Information

Catalog Number: CL488-83933	GenBank Accession Number: BC028733	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 5747	CloneNo.: 240630F8
Source: Rabbit	UNIPROT ID: Q05397	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: PTK2 protein tyrosine kinase 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 1052 aa, 119 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human	

Background Information

FAK (Focal adhesion kinase 1) is also named as FAK1, FADK, pp125FAK, FAK and belongs to the protein kinase superfamily. It is a critical tyrosine kinase that modulates cell adhesion, migration, proliferation and survival in response to extracellular signals (PMID:19664602). It also acts as a pivotal signal 'integrator', controlling and coordinating cellular responses that include cell migration, survival, proliferation and, epithelial tissue repair after DNA damage (PMID:20966971). This protein has some isoforms produced by alternative promoter usage and alternative splicing, and the range of the molecular weights are 100-120 kDa and 40-60 kDa.

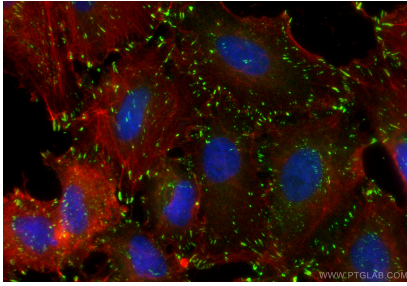
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 Phospho-FAK (Tyr397) antibody (CL488-83933, Clone: 240630F8) at dilution of 1:200, CL594-Phalloidin (red).