

For Research Use Only

CoraLite® Plus 488-conjugated PTK2B Monoclonal antibody



Catalog Number: **CL488-67141**

Basic Information

Catalog Number: CL488-67141	GenBank Accession Number: BC042599	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 2185	CloneNo.: 2A10G5
Source: Mouse	UNIPROT ID: Q14289	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Full Name: PTK2B protein tyrosine kinase 2 beta	
Immunogen Catalog Number: AG11487	Calculated MW: 1009 aa, 116 kDa	
	Observed MW: 112-115 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, Mouse, Rat, Pig

Background Information

Proline-rich tyrosine kinase 2 (Pyk2; also known as CAK, RAFTK and CADTK) is a cytoplasmic tyrosine kinase implicated to play a role in several intracellular signaling pathways. It is expressed in many cells and tissues and migrated as a 130 kDa band in Western Blotting analysis. The size of PYK2 is 115 kDa, and it expressed in many cells and tissues and migrated as a 130 kDa band, but several lower molecular weight bands (75 kDa, 80 kDa, and 97 kDa) were seen in Western Blotting analysis, possibly due to proteolytic degradation.

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:

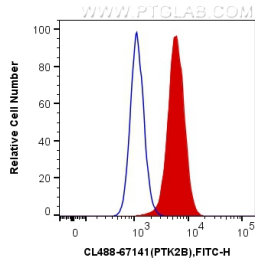
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human PTK2B (CL488-67141, Clone:2A10G5) (red), or 0.4 ug x. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).