

For Research Use Only

CoraLite® Plus 488-conjugated CDC25B Monoclonal antibody



Catalog Number:CL488-67145

Basic Information

Catalog Number: CL488-67145	GenBank Accession Number: BC006395	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 994	CloneNo.: 1H3A4
Source: Mouse	Full Name: cell division cycle 25 homolog B (S. pombe)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Calculated MW: 65 kDa	
Immunogen Catalog Number: AG27193	Observed MW: 69 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, Mouse, rat

Background Information

CDC25B, also named as CDC25HU2, belongs to the MPI phosphatase family. It is a tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. CDC25B directly dephosphorylates CDK1 and stimulates its kinase activity. The three isoforms seem to have a different level of activity.

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.

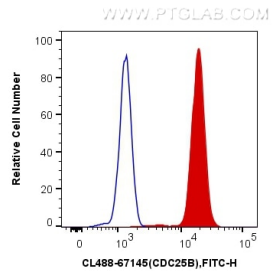
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

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 W: ptglab.com

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 CDC25B (CL488-67145, Clone:1H3A4) (red), or 0.4 ug x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).