

For Research Use Only

CoraLite® Plus 488-conjugated Beta Tubulin Polyclonal antibody



Catalog Number: CL488-10094

Basic Information

Catalog Number: CL488-10094	GenBank Accession Number: BC000748	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 10381	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	UNIPROT ID: Q13509	
Isotype: IgG	Full Name: tubulin, beta 3	
Immunogen Catalog Number: AG0136	Calculated MW: 50 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

There are five tubulins in human cells: alpha, beta, gamma, delta, and epsilon. Tubulins are conserved across species. They form heterodimers, which multimerize to form a microtubule filament. An alpha and beta tubulin heterodimer is the basic structural unit of microtubules. The heterodimer does not come apart, once formed. The alpha and beta tubulins, which are each about 55 kDa MW, are homologous but not identical. Alpha, beta, and gamma tubulins have all been used as loading controls. Tubulin expression may vary according to resistance to antimicrobial and antimitotic drugs.

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:

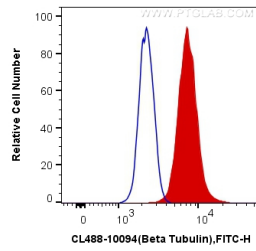
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Beta Tubulin (CL488-10094) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).