

For Research Use Only

CoraLite® Plus 488-conjugated CACYPB Monoclonal antibody



Catalog Number:CL488-68161

Basic Information

Catalog Number: CL488-68161	GenBank Accession Number: BC022352	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 27101	CloneNo.: 3C2G11
Source: Mouse	Full Name: calcyclin binding protein	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Calculated MW: 228 aa, 26 kDa	
Immunogen Catalog Number: AG2340	Observed MW: 26-30 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, mouse, rat

Background Information

CACYBP(Calcyclin-binding protein) is also named as S100A6BP, SIP. It is a new target 30 kDa protein that can interact with S100 proteins, including S100A6, S100A1, S100B, and S100P, but not to S100A4, calbindin D, parvalbumin or calmodulin(PMID:22295074). It may be involved in calcium-dependent ubiquitination and subsequent proteasomal degradation of target proteins and probably serves as a molecular bridge in ubiquitin E3 complex. It has 2 isoforms produced by alternative splicing and can exist as a dimer(PMID:17916393).

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

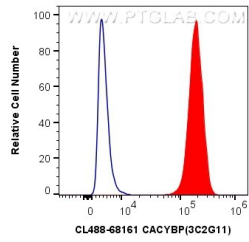
For technical support and original validation data for this product please contact:

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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 CACYBP (CL488-68161, Clone:3C2G11) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).