

For Research Use Only

CoraLite® Plus 488-conjugated Beta Arrestin 1 Monoclonal antibody



Catalog Number:CL488-67580

Basic Information

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| Catalog Number: CL488-67580 | GenBank Accession Number: BC003636 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 408 | CloneNo.: 1H8E4 |
| Source: Mouse | Full Name: arrestin, beta 1 | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Isotype: IgG2a | Calculated MW: 47 kDa | |
| Immunogen Catalog Number: AG7504 | Observed MW: 50-55 kDa | |

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, mouse, rat

Background Information

β-Arrestins (ARRBs), the best known regulators of G protein-coupled receptor signaling, are versatile and multifunctional adapter proteins that regulate diverse cellular functions, including cell growth, apoptosis and immune responses. Overexpression of beta Arrestin 1 has been found in various cancers, indicating it as a potential therapeutic target for cancer treatment. Recently expression of beta Arrestin 1 in saliva has been identified as a candidate circadian biomarker.

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.

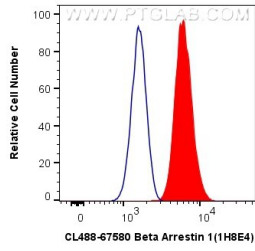
Aliquoting is unnecessary for -20°C storage

*** 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 HeLa cells were intracellularly stained with 0.8 ug Coralite® Plus 488 Anti-Human Beta Arrestin 1 (CL488-67580, Clone:1H8E4) (red), or 0.8 ug Coralite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).