

CoraLite® Plus 488-conjugated PURA Monoclonal antibody

Catalog Number: **CL488-67305**

Basic Information

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|---|--|---|
| Catalog Number: CL488-67305 | GenBank Accession Number: BC036087 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 5813 | CloneNo.: 1C6G4 |
| Source: Mouse | UNIPROT ID: Q00577 | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Isotype: IgG2a | Full Name: purine-rich element binding protein A | |
| Immunogen Catalog Number: AG12164 | Calculated MW: 322 aa, 35 kDa | |
| | Observed MW: 35-40 kDa | |

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat, pig

Background Information

PURA, also named as Transcriptional activator protein Pur-alpha, is a 322 amino acid protein, which belongs to the PUR DNA-binding protein family and can form homodimer or heterodimer with PURB and heterotrimer with PURB and YBX1/Y-box protein 1. PURA is a probable transcription activator that specifically binds the purine-rich single strand of the PUR element located upstream of the MYC gene and may play a role in the initiation of DNA replication and in recombination.

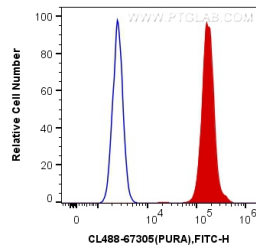
Storage

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

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human PURA (CL488-67305, Clone:1C6G4) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).