

For Research Use Only

CoraLite® Plus 488-conjugated CTPS2 Monoclonal antibody



Catalog Number: **CL488-67734**

Basic Information

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|---|---------------------------------------|--|
| Catalog Number: CL488-67734 | GenBank Accession Number: BC034986 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 56474 | CloneNo.: 1A3B8 |
| Source: Mouse | Full Name: CTP synthase II | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG2a | Calculated MW: 586 aa, 66 kDa | Excitation/Emission maxima wavelengths: 488 nm / 515 nm |
| Immunogen Catalog Number: AG30258 | Observed MW: 66 kDa | |

Applications

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| Tested Applications: IF | Positive Controls: IF : human prostate cancer tissue, |
| Species Specificity: Human, Mouse | |

Background Information

CTPS2 (CTP synthase 2) is also named as UTP--ammonia ligase 2 and belongs to the CTP synthase family. It catalyzes the ATP-dependent amination of UTP to CTP with either L-glutamine or ammonia as the source of nitrogen and constitutes the rate-limiting enzyme in the synthesis of cytosine nucleotides.

Storage

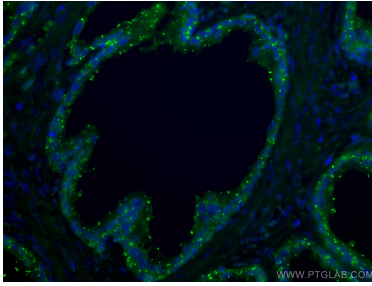
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Immunofluorescent analysis of (4% PFA) fixed human prostate cancer tissue using CoraLite® Plus 488 CTP52 antibody (CL488-67734, Clone: 1A3B8) at dilution of 1:200.