

For Research Use Only

CoraLite® Plus 488-conjugated Cyclin E1 Polyclonal antibody



Catalog Number: CL488-11554

Featured Product

Basic Information

Catalog Number:
CL488-11554

Size:
100ul , Concentration: 1000 µg/ml by
Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2110

GenBank Accession Number:
BC035498

GeneID (NCBI):
898

Full Name:
cyclin E1

Calculated MW:
410 aa, 47 kDa

Purification Method:
Antigen affinity purification

Excitation/Emission maxima
wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse

Background Information

Cyclin E1 (CCNE1) is a member of the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. CCNE1, an essential cyclin activating Cdk2, regulates the G1-S phase transition of the mammalian cell division cycle. Its timing expression plays a direct role in the initiation of DNA replication, the control of histone biosynthesis, and the centrosome cycle. CCNE1 is associated with disease progression in various malignancies and is associated clinically with poor prognosis.

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

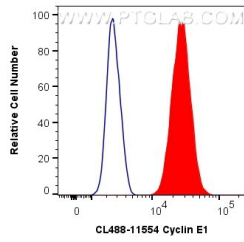
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

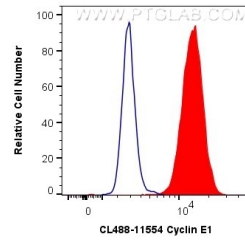
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1X10⁶ MCF-7 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human Cyclin E1 (CL488-11554) (red), or 0.8 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



1X10⁶ HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human Cyclin E1 (CL488-11554) (red), or 0.8 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).