

For Research Use Only

# CoraLite® Plus 488-conjugated Cdc20 Polyclonal antibody



Catalog Number: **CL488-10252**

Featured Product

## Basic Information

Catalog Number:

CL488-10252

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0295

GenBank Accession Number:

BC001088

GeneID (NCBI):

991

UNIPROT ID:

Q12834

Full Name:

cell division cycle 20 homolog (S. cerevisiae)

Calculated MW:

55 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells, U2OS cells

## Background Information

Cdc20 (Cell-division cycle protein 20 homologue) is also named as p55CDC and belongs to the WD repeat CDC20/Fizzy family. Cdc20 has important functions in chromosome segregation and mitotic exit. Cdc20 is the target of the spindle assembly checkpoint (SAC) and a key cofactor of the anaphase-promoting complex or cyclosome (APC/CCDC20) E3 ubiquitin ligase, thus regulating APC/C ubiquitin activity on specific substrates for their subsequent degradation by the proteasome (PMID: 28202332). The 55-kDa band corresponded to the size of Cdc20 (PMID: 22566641).

## 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

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

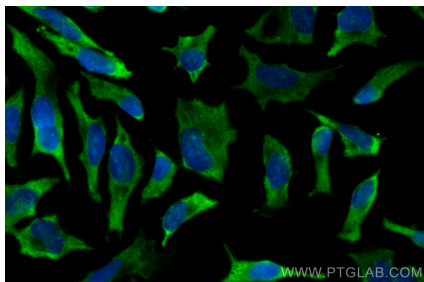
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

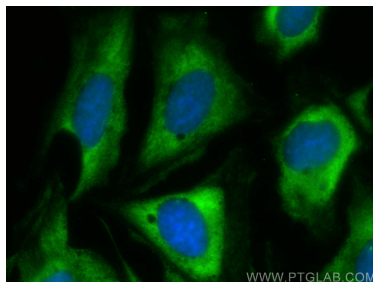
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Coralite® Plus 488 Cdc20 antibody (CL488-10252) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using Coralite® Plus 488 Cdc20 antibody (CL488-10252) at dilution of 1:200.