

For Research Use Only

CoraLite® Plus 488-conjugated SPC25 Polyclonal antibody

Catalog Number: CL488-26474

Featured Product



Basic Information

Catalog Number:

CL488-26474

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23985

GenBank Accession Number:

BC022255

GeneID (NCBI):

57405

UNIPROT ID:

Q9HBM1

Full Name:

SPC25, NDC80 kinetochore complex component, homolog (S. cerevisiae)

Observed MW:

26-30 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, mouse

Positive Controls:

IF/ICC : U2OS cells,

Background Information

Spindle Pole Body Component 25 (SPC25), a core subunit of the NDC80 kinetochore complex, is essential for accurate chromosome alignment and segregation during mitosis . By linking microtubules to kinetochores, SPC25 ensures proper attachment and tension generation, critical for the maintenance of genomic stability . SPC25 is largely found in the cytoplasm and nucleus. The NDC80 complex, which is involved in kinetochore-microtubule interactions and spindle assembly checkpoint activity, is composed of four subunits: SPC24, SPC25, NDC80, and NUF2. (PMID: 40587622 ,PMID: 40400636)

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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 (-20°C Ethanol)
fixed U2OS cells using CoraLite® Plus 488 SPC25
antibody (CL488-26474) at dilution of 1:200.