

For Research Use Only

CoraLite® Plus 488-conjugated SPC25 Polyclonal antibody

Catalog Number: CL488-26474

Featured Product



Basic Information

Catalog Number:

CL488-26474

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:

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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.