

For Research Use Only

CoraLite® Plus 488-conjugated ZW10 Recombinant monoclonal antibody

Catalog Number: CL488-86726

Featured Product



Basic Information

Catalog Number:

CL488-86726

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19138

GenBank Accession Number:

BC128264

GeneID (NCBI):

9183

UNIPROT ID:

O43264

Full Name:

ZW10, kinetochore associated,
homolog (Drosophila)

Calculated MW:

779 aa, 89 kDa

Observed MW:

88 kDa

Purification Method:

Protein A purification

CloneNo.:

251397A5

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,

Background Information

ZW10 is the human homolog of the Drosophila melanogaster Zw10 protein. ZW10 is localized to kinetochores and kinetochore-associated microtubules and is an essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis (PMID: 17102640). ZW10 proteins in Drosophila and HeLa cells display a similar and intriguing cell cycle-dependent intracellular distribution. ZW10 protein first becomes localized to the kinetochore at prometaphase, but then appears to move onto the kinetochore microtubules of the spindle at metaphase, and then back to the kinetochore at anaphase (PMID: 9700164).

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:

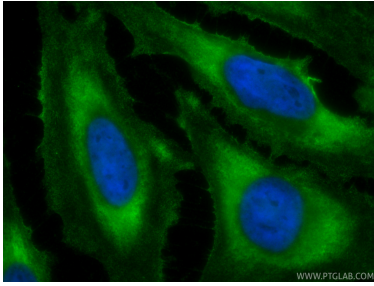
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 ZW10 antibody (CL488-86726, Clone: 251397A5) at dilution of 1:200.