

For Research Use Only

CoraLite® Plus 488-conjugated EXOSC10 Polyclonal antibody



Catalog Number: CL488-16731

Featured Product

Basic Information

Catalog Number:

CL488-16731

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10189

GenBank Accession Number:

BC073788

GeneID (NCBI):

5394

UNIPROT ID:

Q01780

Full Name:

exosome component 10

Calculated MW:

885 aa, 101 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF : HeLa cells,

Background Information

About 50% of patients with polymyositis/scleroderma (PM-Scl) overlap syndrome are reported to have autoantibodies to a nuclear/nucleolar particle termed PM-Scl. Exosome component 10 (EXOSC10), also named autoantigen PM/Scl 2, is the 100 kDa antigen component of PM-Scl and is recognized by most sera of PM-Scl patients. EXOSC10 is strongly enriched in the nucleolus and a small amount has been found in cytoplasm supporting the existence of a nucleolar RNA exosome complex form. As a putative catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity, EXOSC10 participates in a multitude of cellular RNA processing and degradation events.

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:

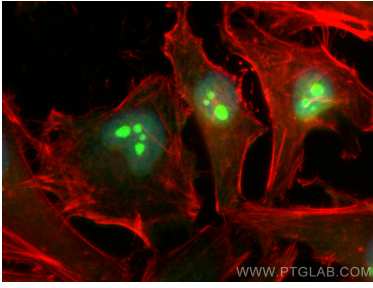
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 EXOSC10 antibody (CL488-16731) at dilution of 1:200, CL594-Phalloidin (red).