

For Research Use Only

CoraLite® Plus 488-conjugated WDR74 Recombinant monoclonal antibody

Catalog Number:CL488-86361-2



Basic Information

Catalog Number:

CL488-86361-2

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14617

GenBank Accession Number:

BC006351

GeneID (NCBI):

54663

UNIPROT ID:

Q6RFH5

Full Name:

WD repeat domain 74

Calculated MW:

385 aa, 42 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

251046A3

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 : HeLa cells,

Background Information

WDR74, also known as WD repeat domain 74, is a protein-coding gene that plays important roles in various biological processes. WDR74 is involved in rRNA processing and ribosomal large subunit biogenesis. It is a 60S ribosome assembly factor, which is irreplaceable in ribosome biogenesis and is closely related to protein synthesis. WDR74 can induce nuclear β -catenin accumulation and activate Wnt-responsive genes, thus promoting cell proliferation and metastasis in various cancers.

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:

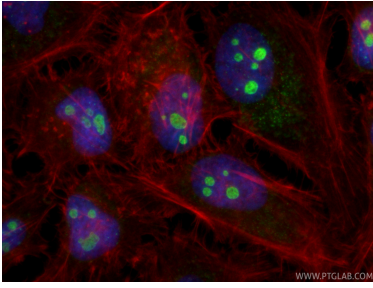
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 WDR74 antibody (CL488-86361-2, Clone: 251046A3) at dilution of 1:200, CL594-phalloidin (red).