

For Research Use Only

CoraLite® Plus 488-conjugated RNF2 Recombinant antibody

Catalog Number: CL488-84793-5

Featured Product



Basic Information

Catalog Number:

CL488-84793-5

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8900

GenBank Accession Number:

BC012583

GeneID (NCBI):

6045

UNIPROT ID:

Q99496

Full Name:

ring finger protein 2

Calculated MW:

336 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

242181G7

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 : U2OS cells,

Background Information

RNF2 (also known as ding, Ring1B or Ring2) is a member of the Ring finger protein family, which functions as E3 ubiquitin ligase for monoubiquitination of histone H2A at lysine 119 (H2AK119ub). Many studies have demonstrated that overexpressed RNF2 was involved in the pathological progression of multiple cancers and has an impact on their clinical features. For instance, the upregulated expression level of RNF2 is positively correlated with the occurrence and progression of hepatocellular carcinoma, melanoma, prostate cancer, breast cancer, pancreatic cancer, gastric cancer, and bladder urothelial carcinoma, as well as with the radioresistance of lung cancer and chemoresistance of ovarian cancer (PMID: 33400276). The molecular weight of RNF2 is 38 kDa.

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

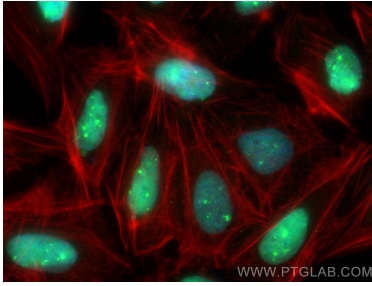
For technical support and original validation data for this product please contact:

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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 U2OS cells using CoraLite® Plus 488 RNF2 antibody (CL488-84793-5, Clone: 242181G7) at dilution of 1:200, CL594-Phalloidin (red).