

For Research Use Only

CoraLite® Plus 488-conjugated p63 Polyclonal antibody

Catalog Number: CL488-12143

Featured Product



Basic Information

Catalog Number:

CL488-12143

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2791

GenBank Accession Number:

BC039815

GeneID (NCBI):

8626

UNIPROT ID:

Q9H3D4

Full Name:

tumor protein p63

Calculated MW:

680 aa, 77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC: 1:500-1:2000

FC (Intra): 0.40 µg per 10⁶ cells in a 100 µl suspension

FC: 0.40 µg per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : A431 cells,

FC (Intra) : A431 cells,

FC : A431 cells,

Background Information

TP63, also named KET, P63, P73H, P73L and TP73L, belongs to the p53 family. It is a homologue of the tumor suppressor p53 and p73 genes. It is involved in malignancy acquisition and maintenance of cells. Unlike p53, the p63 gene encodes multiple isotypes with remarkably divergent abilities to transactivate p53 reporter genes and induce apoptosis. TP63 acts as a sequence specific DNA binding transcriptional activator or repressor. This antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

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:

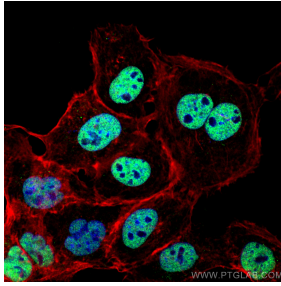
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Coralite® Plus 488 p63 antibody (CL488-12143) at dilution of 1:1000, CL594-Phalloidin (red).

1X10⁶ A431 cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human p63 (CL488-12143) (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).