

For Research Use Only

CoraLite® Plus 488-conjugated p63 Polyclonal antibody



Catalog Number: **CL488-12143**

Basic Information

Catalog Number: CL488-12143	GenBank Accession Number: BC039815	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 8626	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9H3D4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: tumor protein p63	
Immunogen Catalog Number: AG2791	Calculated MW: 680 aa, 77 kDa	

Applications

Tested Applications: FC (Intra), IF/ICC	Positive Controls: IF : A431 cells,
Species Specificity: human, mouse, rat	

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 isoforms 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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

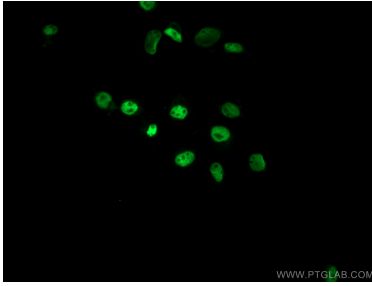
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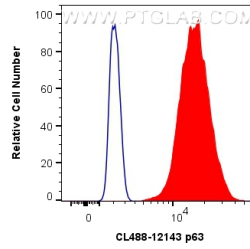
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoralLite® Plus 488 p63 antibody (CL488-12143) at dilution of 1:100.



1×10^6 A431 cells were intracellularly stained with 0.8 μ g CoralLite® Plus 488 Anti-Human p63 (CL488-12143) (red), or 0.8 μ g Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).