For Research Use Only

CoraLite® Plus 647-conjugated Cytokeratin 17-Specific Polyclonal antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:CL647-17516 Featured Product

Basic Information

Catalog Number:
CL647-17516

Size:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_000422

GeneID (NCBI):
3872

UNIPROT ID:
Q04695

Full Name:
keratin 17

Calculated MW:
48 kDa

Observed MW:
48 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC (Intra), IF/ICC

Species Specificity:
human, mouse

Positive Controls:

IF : HeLa cells,

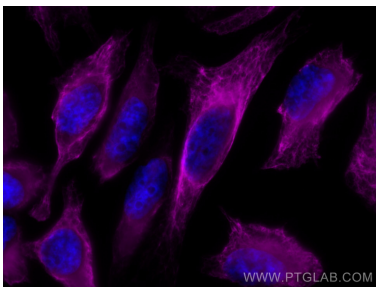
Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral courterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. Keratin 17 is a type I cytokeratin. It is found in nail beds, hair follicles, sebaceous glands, and other epidermal appendages. It is used as a marker for trauma. This antibody is specifically against KRT17.

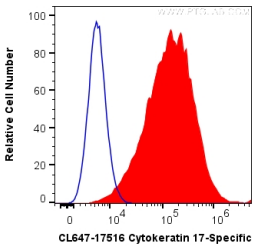
Storage

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 647 Cytokeratin 17-Specific antibody (CL647-17516) at dilution of 1:200.



1X10^6 HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human Cytokeratin 17-Specific (CL647-17516) (red), or 0.2 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).