

For Research Use Only

CoraLite® Plus 555-conjugated Cytokeratin 19 Polyclonal antibody



Catalog Number: **CL555-10712**

Basic Information

Catalog Number: CL555-10712	GenBank Accession Number: BC007628	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3880	Recommended Dilutions: IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: P08727	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Isotype: IgG	Full Name: keratin 19	
Immunogen Catalog Number: AG1085	Calculated MW: 40 kDa	
	Observed MW: 44-50 kDa	

Applications

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

Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells. Keratin expression is highly regulated, tissue specific, and varies according to cell-state. Type I keratins consist of acidic, low molecular weight proteins with MW ranging from 40 kDa (KRT19) to 64 kDa (KRT9). Type 2 keratins consist of basic or neutral, high molecular weight proteins with MW from 52 kDa (KRT8) to 67 kDa (KRT18). Keratin 19 is a type I cytokeratin. It is a biochemical marker of skin stem cells in vivo and in vitro.

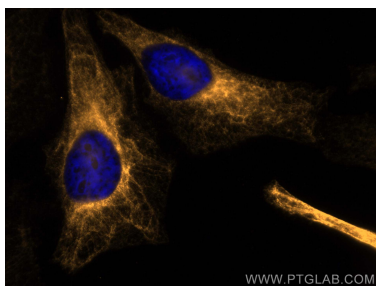
Storage

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

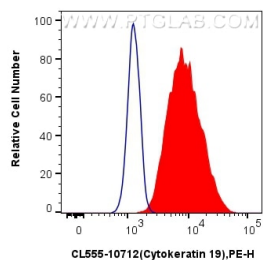
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 555 Cytokeratin 19 antibody (CL555-10712) at dilution of 1:200.



1×10^6 A431 cells were intracellularly stained with 0.4 μ g CoraLite® Plus 555 Anti-Human Cytokeratin 19 (CL555-10712) and HRP-conjugated polymer at dilution 1:1000 (red), or 0.4 μ g CoraLite® 555-conjugated Rabbit IgG control Rabbit PolyAb (CL555-30000, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).