

For Research Use Only

CoraLite® Plus 647-conjugated Cytokeratin 7 Polyclonal antibody



Catalog Number:CL647-15539

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL647-15539	BC002700	Antigen affinity purification
Size:	GeneID (NCBI):	Excitation/Emission maxima wavelengths:
100ul , Concentration: 1000 µg/ml by Nanodrop;	3855	654 nm / 674 nm
Source:	UNIPROT ID:	
Rabbit	P08729	
Isotype:	Full Name:	
IgG	keratin 7	
Immunogen Catalog Number:	Calculated MW:	
AG7895	469 aa, 51 kDa	
	Observed MW:	
	51 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

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 counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT7 is a type II keratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

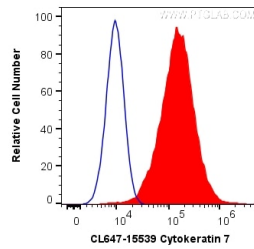
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

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



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Coralite® Plus 647 Anti-Human Cytokeratin 7 (CL647-15539) (red), or 0.2 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).