

For Research Use Only

CoraLite® Plus 488-conjugated Cytokeratin 5 Monoclonal antibody



Catalog Number:CL488-66727

Basic Information

Catalog Number: CL488-66727	GenBank Accession Number: BC024292	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3852	CloneNo.: 1A1C5
Source: Mouse	Full Name: keratin 5	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 590 aa, 62 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG24184	Observed MW: 60 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : human oesophagus cancer tissue,
Species Specificity: Human, mouse, pig	

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 5, one 58-kD type II keratin, is coexpressed with a 50-kD keratin 14 in stratified squamous epithelia. Keratin 5, one 58-kD type II keratin, is coexpressed with a 50-kD tyK14 in stratified squamous epithelia.

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

*** 20ul sizes contain 0.1% BSA

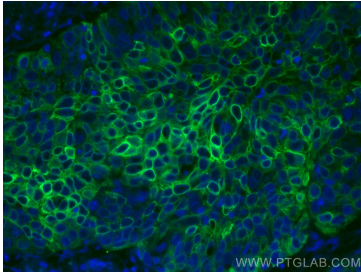
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

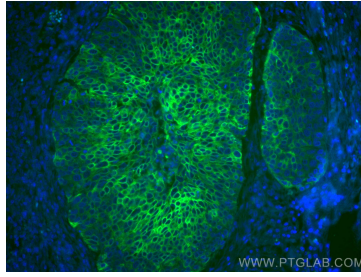
E: proteintech@ptglab.com
W: ptglab.com

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 (4% PFA) fixed human oesophagus cancer tissue using CoraLite® Plus 488 Cytokeratin 5 antibody (CL488-66727, Clone: 1A1C5) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human oesophagus cancer tissue using CoraLite® Plus 488 Cytokeratin 5 antibody (CL488-66727, Clone: 1A1C5) at dilution of 1:200.