

For Research Use Only

# CoraLite® Plus 488-conjugated Pan-Keratin (TypeII) Recombinant monoclonal antibody

Catalog Number:CL488-86370



## Basic Information

Catalog Number:

CL488-86370

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

Q14533

Full Name:

Observed MW:

52-68 kDa

Purification Method:

Protein A purification

CloneNo.:

251040F7

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P : human colon cancer tissue,

## Background Information

Keratin is a family of fibrous structural proteins that are key components in hair, nails, feathers, hooves, and the outer layer of skin (epidermis). There are two main types of keratin: Type I (acidic) and Type II (basic/neutral), which form heterodimers to create intermediate filaments, providing mechanical strength to cells. Type II keratins (or Type II cytokeratins) are basic or neutral proteins that form part of the intermediate filament cytoskeleton in epithelial cells. Type II keratins include K1-K8, and K71-K86.

## 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, pH7.3

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human colon cancer tissue using CoraLite® Plus 488 Pan-Keratin (TypeII) antibody (CL488-86370, Clone: 251040F7) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).