

For Research Use Only

PE-conjugated Pan-Keratin (Type II) Recombinant monoclonal antibody

Catalog Number: PE-86370



Basic Information

Catalog Number:

PE-86370

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:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P: human colon cancer tissue, human lung cancer
tissue, human cervical 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. 86370-1-RR can recognize KRT81/82/83/85/86.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

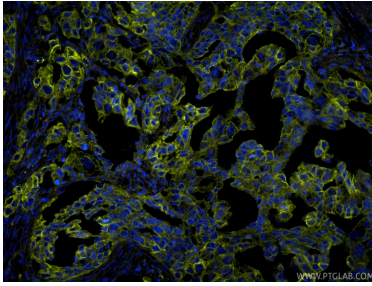
T: 4006900926

E: Proteintech-CN@ptglab.com

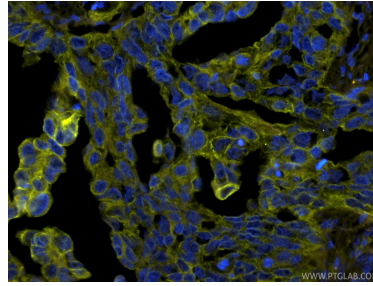
W: ptgcn.com

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Selected Validation Data



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



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