

For Research Use Only

Pan-Keratin (TypeII) Recombinant antibody, PBS Only

Catalog Number: 86370-1-PBS



Basic Information

Catalog Number:

86370-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Pan-Keratin (TypeII)

UNIPROT ID:

Q14533

Full Name:

Observed MW:

52-68 kDa

Purification Method:

Protein A purification

CloneNo.:

251040F7

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

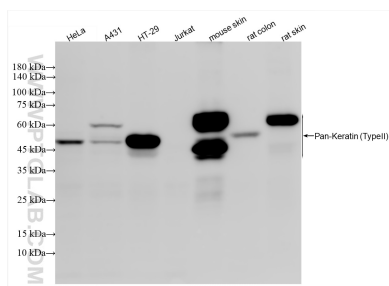
For technical support and original validation data for this product please contact:

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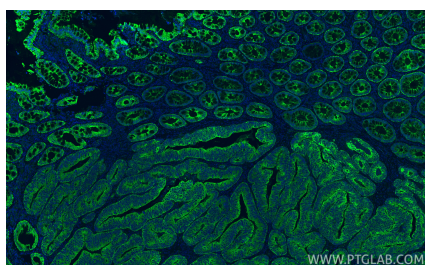
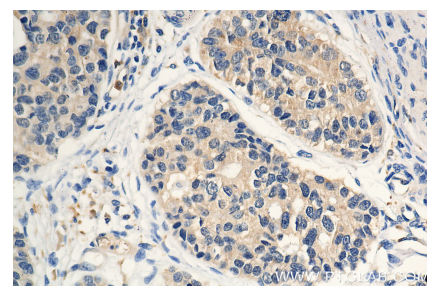
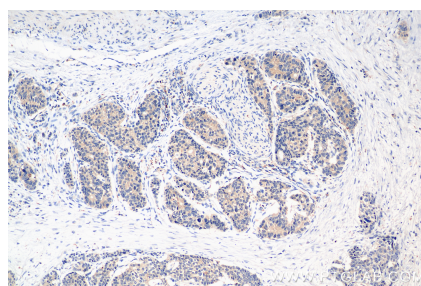
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86370-1-RR (Pan-Keratin (Type II) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86370-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human colon cancer tissue using Pan-Keratin (Type II) antibody (86370-1-RR, Clone: 251040F7) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86370-1-PBS in a different storage buffer formulation.