

# Cytokeratin 79 Recombinant antibody

Catalog Number: 86310-1-RR

## Basic Information

<b>Catalog Number:</b> 86310-1-RR	<b>GenBank Accession Number:</b> BC039148	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 338785	<b>CloneNo.:</b> 250927D8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5XKE5	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000 IHC: 1:500-1:2000 IF-P: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> keratin 79	
	<b>Observed MW:</b> 58 kDa	

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse skin tissue,

IHC : human skin cancer tissue, mouse skin tissue

IF-P : mouse skin tissue,

## Background Information

KRT79(Keratin 79, also known as K6L or KRT6L) is a type II epithelial keratin, which is mainly expressed in skeletal muscle, skin, scalp and other tissues and participates in maintaining the structural integrity of epithelial cells. KRT79 plays an important role in hair follicle development, and it is one of the marker genes of hair follicle outer root sheath and hair stromal cells (HG cells). Together with KRT17 and SOX9, it marks HG cells and participates in hair follicle regeneration and morphogenesis.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

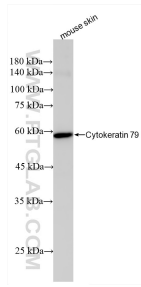
For technical support and original validation data for this product please contact:

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

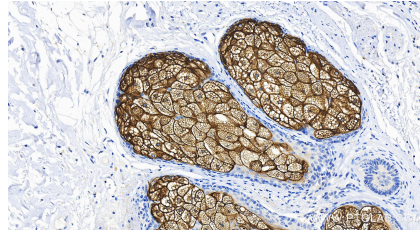
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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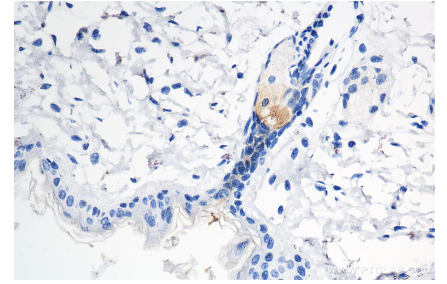
## Selected Validation Data



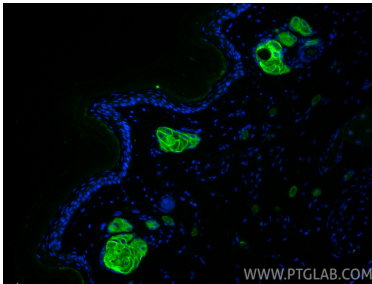
mouse skin tissue were subjected to SDS PAGE followed by western blot with 86310-1-RR (KRT79 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 86310-1-RR (Cytokeratin 79 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 86310-1-RR (Cytokeratin 79 antibody) at dilution of 1:2500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skin tissue using Cytokeratin 79 antibody (86310-1-RR, Clone: 250927D8) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).