

For Research Use Only

# Cytokeratin 80 Recombinant monoclonal antibody

Catalog Number: 86313-1-RR



## Basic Information

Catalog Number:	86313-1-RR	GenBank Accession Number:	BC065180	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 ug/ml by Nanodrop;	GenID (NCBI):	144501	CloneNo.:	250883H5
Source:	Rabbit	UNIPROT ID:	Q6KB66	Recommended Dilutions:	WB: 1:500-1:2000 IF-P: 1:50-1:500
Isotype:	IgG	Full Name:	keratin 80		
		Calculated MW:	422 aa, 47 kDa		
		Observed MW:	50 kDa		

## Applications

Tested Applications:	WB, IF-P, ELISA	Positive Controls:	
Species Specificity:	human, mouse	WB:	A431 cells, HeLa cells, NIH/3T3 cells

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IF-P: mouse skin tissue, human breast cancer tissue

## Background Information

KRT80 is a human IF type II epithelial keratin gene involved in the formation of IF heterodimers in various epithelial cells. KRT80 is overexpressed in many neoplasms and plays an essential role in promoting cell proliferation, migration and invasiveness, and is associated with poor prognosis in cancer patients. KRT80 has three isoforms with predicted MW of 50 kDa, 47 kDa, and 54 kDa.

## Storage

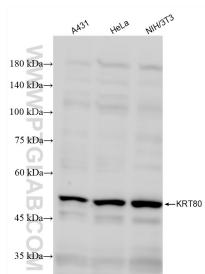
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

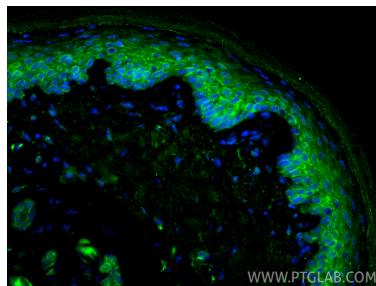
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

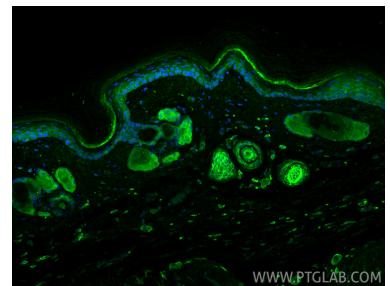
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86313-1-RR (Cytokeratin 80 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skin tissue using Cytokeratin 80 antibody (86313-1-RR, Clone: 250883H5) 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).



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