

For Research Use Only

# Loricrin Recombinant antibody

Catalog Number: 83865-1-RR



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
83865-1-RR	NM_000427	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	4014	240605C8
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P23490	IHC 1:250-1:1000
Isotype:	Full Name:	IF/ICC 1:125-1:500
IgG	Loricrin	
	Calculated MW:	
	26 kDa	

## Applications

Tested Applications:	Positive Controls:
IHC, IF/ICC, FC (Intra), ELISA	IHC : mouse skin tissue,
Species Specificity:	IF/ICC : A431 cells,
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**

## Background Information

Loricrin, also named LOR and LRN, is a major component of the cornified cell envelope (CE) expressed late in epidermal differentiation in the granular layers of normal skin. This antibody is specific to Loricrin.

## 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

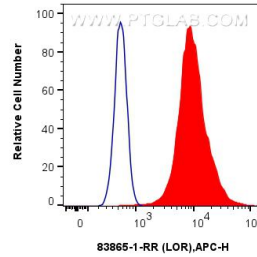
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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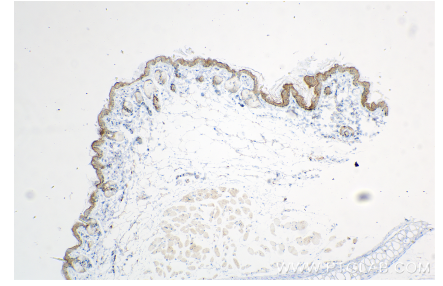
## Selected Validation Data



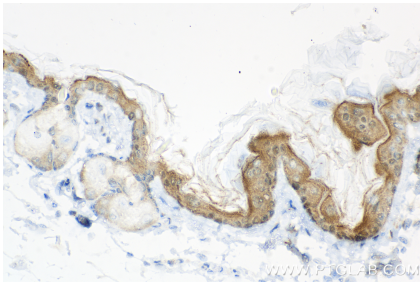
Immunofluorescent analysis of (4% PFA) fixed A431 cells using LOR antibody (83865-1-RR, Clone: 240605C8) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



$1 \times 10^6$  A431 cells were intracellularly stained with 0.25  $\mu$ g Loricrin Recombinant antibody (83865-1-RR, Clone: 240605C8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 83865-1-RR (Loricrin antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 83865-1-RR (Loricrin antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).