

Loricrin Recombinant monoclonal antibody

Catalog Number: 83865-1-RR

Basic Information

Catalog Number:

83865-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000427

GeneID (NCBI):

4014

UNIPROT ID:

P23490

Full Name:

Loricrin

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

240605C8

Recommended Dilutions:

IHC: 1:250-1:1000

IF/ICC: 1:125-1:500

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

IHC, IF/ICC, FC (Intra), 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:

IHC : mouse skin tissue, rat skin tissue

IF/ICC : A431 cells,

FC (Intra) : A431 cells,

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:

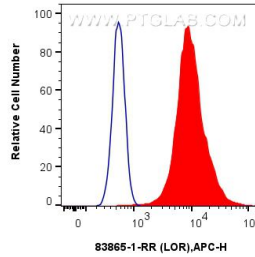
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

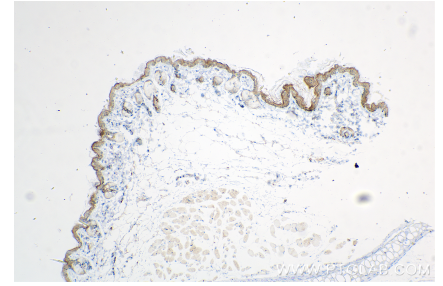
Selected Validation Data



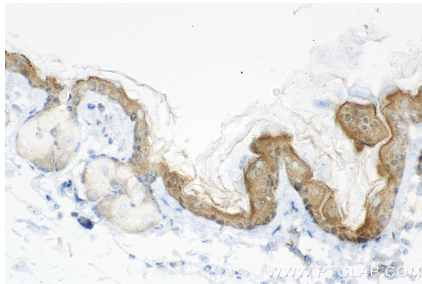
Immunofluorescent analysis of (4% PFA) fixed A431 cells using LOR antibody (83865-1-RR, Clone: 240605C8) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



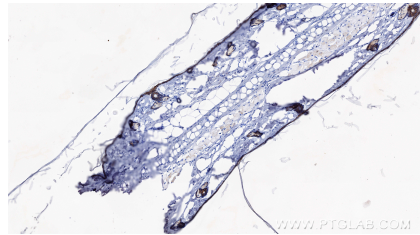
1x10⁶ A431 cells were intracellularly stained with 0.25 ug Loricrin Recombinant antibody (83865-1-RR, Clone:240605C8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



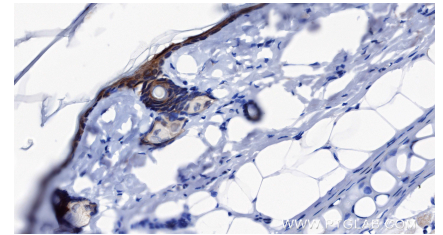
Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 83865-1-RR (Loricrin antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



Immunohistochemical analysis of paraffin-embedded rat 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 rat 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).