

For Research Use Only

# CCL27 Polyclonal antibody

Catalog Number: 22301-1-AP



## Basic Information

<b>Catalog Number:</b> 22301-1-AP	<b>GenBank Accession Number:</b> NM_006664	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10850	<b>Recommended Dilutions:</b> IHC 1:20-1:200 IF/ICC 1:10-1:100
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y4X3	
<b>Isotype:</b> IgG	<b>Full Name:</b> chemokine (C-C motif) ligand 27	
	<b>Calculated MW:</b> 13 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>IHC :</b> human testis tissue, human liver tissue, human liver cancer tissue, human skin tissue, human skin cancer tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IF/ICC :</b> A431 cells,

## Background Information

CCL27, also known as CTACK, is a member of the CC chemokine subfamily. CCL27 is predominantly expressed in skin and selectively attracts cutaneous lymphocyte antigen-positive T cells and Langerhans cells. The CCL27 secreted from keratinocytes was reportedly involved in inflammatory skin diseases such as atopic dermatitis, contact dermatitis, and psoriasis. CCL27 is a ligand to CCR10. The binding of CCL27 to CCR10 on T cells promotes their migration to the skin, where they can then participate in local immune responses.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

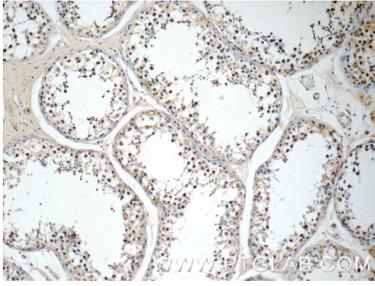
For technical support and original validation data for this product please contact:

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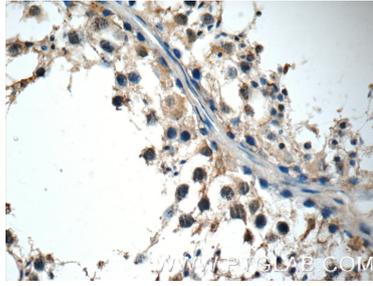
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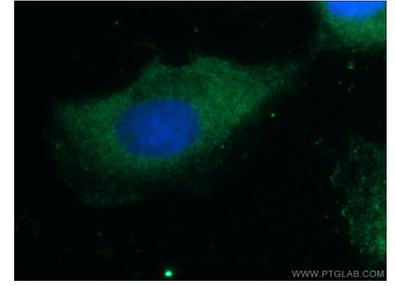
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 22301-1-AP (CCL27 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 22301-1-AP (CCL27 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of A431 cells using 22301-1-AP (CCL27 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).