

CCL27 Polyclonal antibody

Catalog Number: 22301-1-AP

Basic Information

Catalog Number:

22301-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006664

GeneID (NCBI):

10850

UNIPROT ID:

Q9Y4X3

Full Name:

chemokine (C-C motif) ligand 27

Calculated MW:

13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, IHC, ELISA

Species Specificity:

human

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 : human testis tissue, human liver tissue, human liver cancer tissue, human skin tissue, human skin cancer tissue

IF : 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:

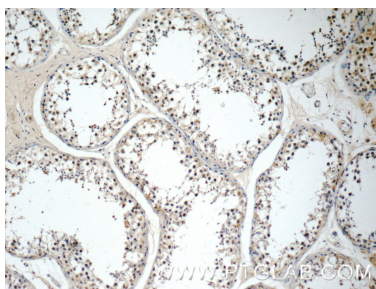
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

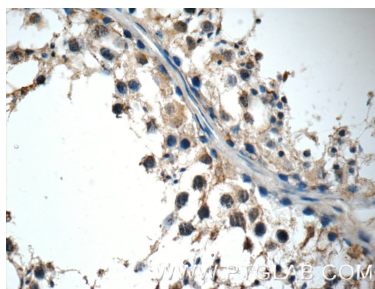
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

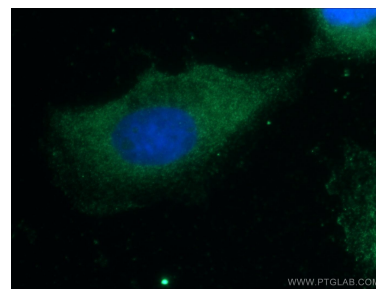
Selected Validation Data



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).