

For Research Use Only

# CCL11/Eotaxin Polyclonal antibody

Catalog Number: 11786-1-AP

2 Publications



## Basic Information

### Catalog Number:

11786-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2398

### GenBank Accession Number:

BC017850

### GeneID (NCBI):

6356

### UNIPROT ID:

P51671

### Full Name:

chemokine (C-C motif) ligand 11

### Calculated MW:

97 aa, 11 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:800-1:3200

## Applications

### Tested Applications:

IHC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human

### Cited Species:

mouse, rat

**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 lung squamous cell carcinoma tissue, human tonsillitis tissue

## Background Information

CCL11 also named Eotaxin-1, was initially discovered as an eosinophil-specific chemoattractant. CCL11 plays a central role in both allergic and non-allergic inflammatory reactions by recruiting immune cells such as eosinophils, basophils and Th2 lymphocytes. CCL11 binds to the chemokine receptors CCR2, CCR3 and CCR5, with highest affinity to CCR3. High levels of CCL11 have been described in several chronic inflammatory diseases, such as allergic rhinitis, atopic dermatitis, asthma, gastrointestinal disease and rheumatoid arthritis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Na Sun	32208746	Am J Rhinol Allergy	IHC
Li Lin	33635162	Am J Physiol Heart Circ Physiol	IHC

## 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

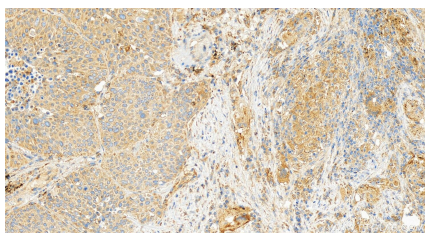
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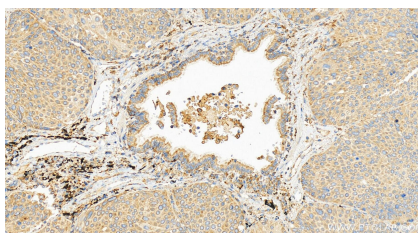
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung squamous cell carcinoma tissue slide using 11786-1-AP (Eotaxin antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung squamous cell carcinoma tissue slide using 11786-1-AP (Eotaxin antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).