

For Research Use Only

CCL20/MIP-3 alpha Polyclonal antibody

Catalog Number: 26527-1-AP

8 Publications



Basic Information

Catalog Number:

26527-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24069

GenBank Accession Number:

BC020698

GeneID (NCBI):

6364

UNIPROT ID:

P78556

Full Name:

chemokine (C-C motif) ligand 20

Calculated MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IHC, IF

Species Specificity:

human

Cited Species:

human, 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 cancer tissue, human pancreas cancer tissue, human tonsillitis tissue

Background Information

CCL20, also known as macrophage infiltrating factor protein 3a, is a C-C chemokine that specifically binds to the receptor CCR6. CCL20 is produced in various tissues and by a wide range of immune cells, including neutrophils, natural killer cells, T-helper type 17 (Th17) cells, B cells, and various antigen-presenting cells, such as dendritic cells (DCs), Langerhans cells, and macrophages. Increased expression of CCL20 is likely involved in the increased recruitment of dendritic cells observed in fibroinflammatory diseases such as chronic obstructive pulmonary disease (COPD). CCL20 expression is increased by the proinflammatory cytokine IL-1 beta.

Notable Publications

Author	Pubmed ID	Journal	Application
Chaochao Xu	34632963	Gut Microbes	IF
Anqi Li	32724395	Oncol Lett	IHC
Gaofeng Cai	35675749	Phytomedicine	

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

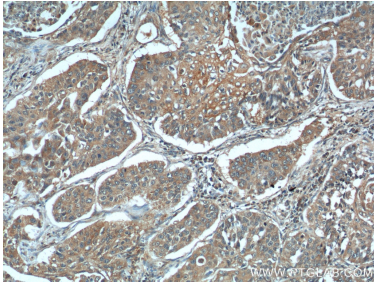
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

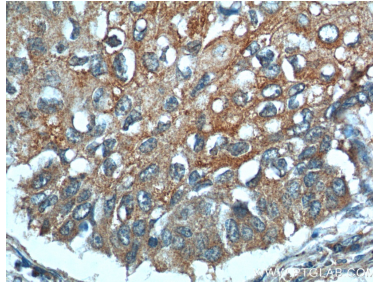
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 26527-1-AP (MIP-3α Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 26527-1-AP (MIP-3α Antibody) at dilution of 1:200 (under 40x lens).