

For Research Use Only

# MultiPro™ 5CFLX Anti-Human CXCL8/IL-8 (Polyclonal)



Catalog Number: G17038-1-5C

## Basic Information

Catalog Number:

G17038-1-5C

Size:

10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10552

GenBank Accession Number:

BC013615

GeneID (NCBI):

3576

ENSEMBL Gene ID:

ENSG00000169429

UNIPROT ID:

P10145

Full Name:

MultiPro™ 5CFLX Anti-Human  
CXCL8/IL-8 (Polyclonal)

Conjugate:

5CFLX

Full Oligo Sequence:

CGGAGATGTGTATAAGAGACAGCGAG  
CTGAATAATGGCCCATATAAGAAA

Barcode Sequence:

CGAGCTGAATAATGG

## Applications

Tested Applications:

Single Cell (Intra)

Species Specificity:

Human

## Background Information

Interleukin 8 (IL-8), also known as CXCL8, which is a member of the CXC chemokine family. This chemokine is secreted by a variety of cell types including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, and various tumor cell lines in response to inflammatory stimuli. IL-8 has two primary functions. It induces chemotaxis in target cells, primarily neutrophils but also other granulocytes, causing them to migrate toward the site of infection. IL-8 also induces phagocytosis once they have arrived. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. IL-8 is also known to be a potent promoter of angiogenesis. IL-8 has been associated with tumor angiogenesis, metastasis, and poor prognosis in breast cancer. IL-8 may present a novel therapeutic target for estrogen driven breast carcinogenesis and tumor progression.

## Storage

Storage:

2-8°C

Storage Buffer:

PBS with 1mM EDTA and 0.09% sodium azide

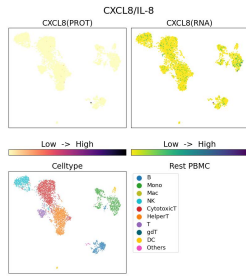
For technical support and original validation data for this product please contact:

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

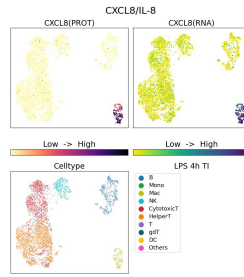
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



G17038-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G17038-1-5C was used to stain PBMC under 4hr LPS + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.