

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

Catalog Number: **G17038-1-5C**

Basic Information

Catalog Number: G17038-1-5C	GenBank Accession Number: BC013615	Conjugate: 5CFLX
Size: 500ug/mL	GeneID (NCBI): 3576	Full Oligo Sequence: CGGAGATGTGTATAAGAGACAGCGAG CTGAATAATGGCCCATATAAGAAA
Source: Rabbit	ENSEMBL Gene ID: ENSG00000169429	Barcode Sequence: CGAGCTGAATAATGG
Isotype: IgG	UNIPROT ID: P10145	
Immunogen Catalog Number: AG10552	Full Name: MultiPro [™] 5CFLX Anti-Human CXCL8/IL-8 (Polyclonal)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

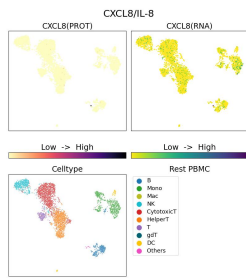
Interleukin 8 (IL-8), also known as CXCL8, which is a member of the CXC chemokine family. This chemokine is secreted by a variety of cell types including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, and various tumor cell lines in response to inflammatory stimuli. IL-8 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

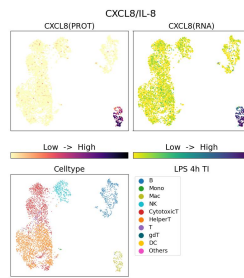
Storage:
2-8°C

Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

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.