For Research Use Only

MultiProTM 5CFLX Anti-Human IL-6 (4G3E6)

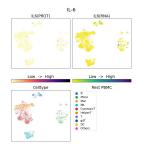


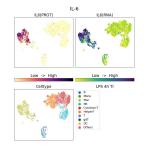
Catalog Number:G69001-1-5C

Basic Information	Catalog Number: G69001-1-5C Size: 500ug/mL Source: Mouse Isotype: IgG1 Immunogen Catalog Number: HZ-1019	GenBank Accession Number: GeneID (NCBI): 3569 ENSEMBL Gene ID: ENSG00000136244 Full Name: MultiPro TM 5CFLX Anti-Human IL-6 (4G3E6)	CloneNo.: 4G3E6 Conjugate: 5CFLX Full Oligo Sequence: CGGAGATGTGTATAAGAGACAGACCG CACAGCGAATTCCCATATAAGAAA Barcode Sequence: ACCGCACAGCGAATT
Applications	Tested Applications: Single Cell (Intra) Species Specificity: Human		
Background Information	Interleukin-6 (IL-6) is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. IL-6 protein is secreted by a variety of cell types including T cells and macrophages as phosphorylated and variably glycosylated molecule. IL-6 plays an essential role in the final differentiation of B-cells into Ig-secreting cells involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. IL-6 is also considered a myokine, a cytokine produced from muscle, and is elevated in response to muscle contraction. IL-6 has been shown to interact with interleukin-6 receptor and glycoprotein 130. Additionally, IL-6 is involved in hematopoiesis, bone metabolism, and cancer progression, and has been defined an essential role in directing transition from innate to acquired immunity.		
Storage	This antibody can be used to neutra Storage: 2-8°C Storage Buffer: PBS with 1mM EDTA and 0.09% soc	·	

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data





G69001-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol. G69001-1-5C 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.