For Research Use Only

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

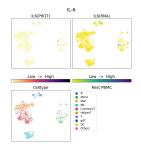


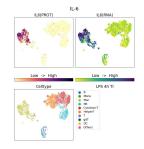
Catalog Number:G69001-1-5C

| 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.