

MultiPro[™] 5CFLX Anti-Human CD86 (BU63)

Catalog Number: **G65165-1-5C**

Basic Information

| | | |
|-----------------|--|---|
| Catalog Number: | GenBank Accession Number: | CloneNo.: |
| G65165-1-5C | BC040261 | BU63 |
| Size: | GeneID (NCBI): | Conjugate: |
| 500ug/mL | 942 | 5CFLX |
| Source: | ENSEMBL Gene ID: | Full Oligo Sequence: |
| Mouse | ENSG00000114013 | CGGAGATGTGTATAAGACAGCCGA GTTGCCAAGTCCCATATAAGAAA |
| Isotype: | UNIPROT ID: | Barcode Sequence: |
| IgG1, kappa | P42081 | CCGAGTTGCGAAGTT |
| | Full Name: | |
| | MultiPro [™] 5CFLX Anti-Human CD86 (BU63) | |

Applications

Tested Applications:
Single Cell (Intra), Single Cell

Species Specificity:
Human

Background Information

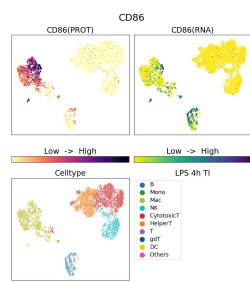
CD86 (also known as B7.2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response.

Storage

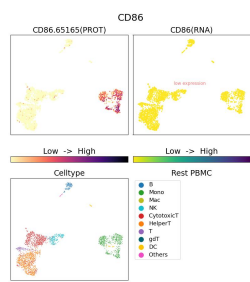
Storage:
2-8°C

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

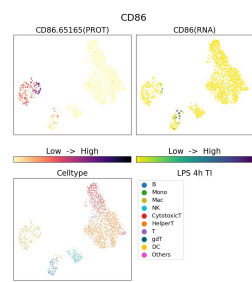
Selected Validation Data



G65165-1-5C 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.



G65165-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.



G65165-1-5C 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 Stain-Fix protocol.