MultiPro^{TM} 5CFLX Anti-Human CD86 (BU63)

Catalog Number: G65165-1-5C

Basic Information

Catalog Number:
G65165-1-5C

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

Source:
Mouse

Isotype:
IgG1, kappa

GenBank Accession Number:
BC040261

GeneID (NCBI):
942

ENSEMBL Gene ID:
ENSG00000114013

UNIPROT ID:
P42081

Full Name:
MultiPro^{TM} 5CFLX Anti-Human CD86 (BU63)

CloneNo.:
BU63

Conjugate:
5CFLX

Full Oligo Sequence:
CGGAGATGTGTATAAGAGACAGCCGA GTTGCGAAGTTCCCATATAAGAAA

Barcode Sequence:
CCGAGTTGCGAAGTT

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:
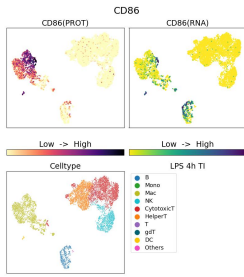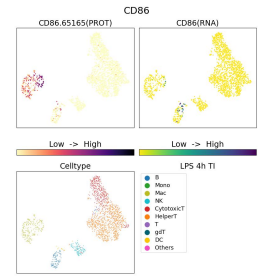PBS with 1mM EDTA and 0.09% sodium azide

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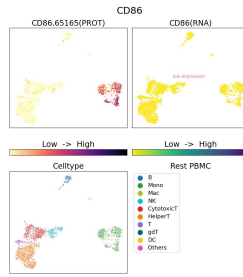
G65165-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.

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.