

MultiPro[™] 5CFLX Anti-Human CD11b (ICRF44)

Catalog Number: G65116-1-5C

Basic Information

| | | |
|-----------------|--|--|
| Catalog Number: | GenBank Accession Number: | CloneNo.: |
| G65116-1-5C | BC096346 | ICRF44 |
| Size: | GeneID (NCBI): | Conjugate: |
| 500ug/mL | 3684 | 5CFLX |
| Source: | ENSEMBL Gene ID: | Full Oligo Sequence: |
| Mouse | ENSG00000169896 | CGGAGATGTGTATAAGAGACAGCCAG TCAATAGCTATCCCATATAAGAAA |
| Isotype: | UNIPROT ID: | Barcode Sequence: |
| IgG1, kappa | P11215 | CCAGTCAATAGCTAT |
| | Full Name: | |
| | MultiPro [™] 5CFLX Anti-Human CD11b (ICRF44) | |

Applications

Tested Applications:
Single Cell (Intra), Single Cell

Species Specificity:
Human

Background Information

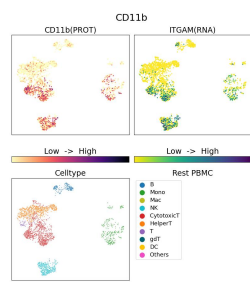
Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α / β heterodimer with CD18 (integrin β 2). CD11b/CD18 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PMID: 9558116; 20008295). CD11b/CD18 is a receptor for the complement protein fragment iC3b, and is also a receptor for fibrinogen, factor X and ICAM1 (PMID: 2971974; 15485828).

Storage

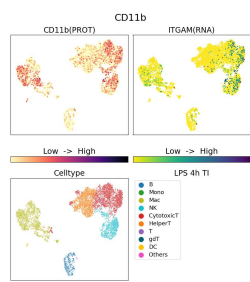
Storage:
2-8°C

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

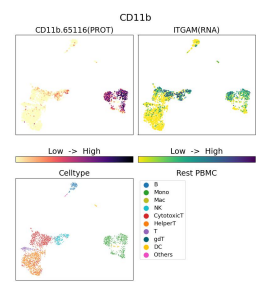
Selected Validation Data



G65116-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G65116-1-5C 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.



G65116-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.