MultiPro^{TM} 5CFLX Anti-Human CD14 (2C1D9)

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Antibodies | ELISA kits | Proteins
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Catalog Number:G60253-1-5C

Basic Information

Catalog Number:
G60253-1-5C

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

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG10693

GenBank Accession Number:
BC010507

GeneID (NCBI):
929

ENSEMBL Gene ID:
ENSG00000170458

UNIPROT ID:
P08571

Full Name:
MultiPro^{TM} 5CFLX Anti-Human CD14 (2C1D9)

CloneNo.:
2C1D9

Conjugate:
5CFLX

Full Oligo Sequence:
CGGAGATGTGTATAAGAGACAGATCG TCTGTTGCGCGCCCATATAAGAAA

Barcode Sequence:
ATCGTCTGTTGCGCG

Applications

Tested Applications:
Single Cell (Intra), Single Cell

Species Specificity:
Human

Background Information

CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein preferentially expressed on monocytes and macrophages, and at lower levels on granulocytes (PMID: 3385210; 2462937; 7685797). CD14 can also exist as a soluble protein. CD14 acts as a co-receptor for bacterial liposaccharides (LPS) (PMID: 1698311). It plays a major role in the inflammatory response of monocytes to LPS.
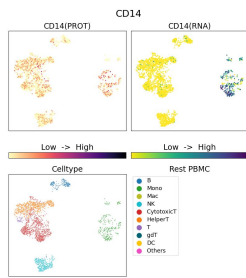
Storage

Storage:
2-8°C

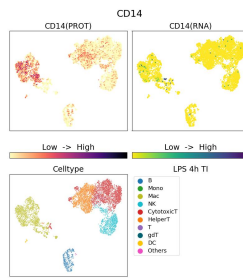**Storage Buffer:**
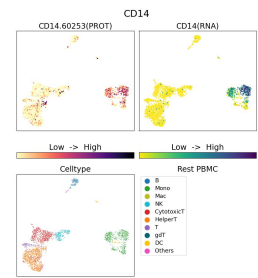PBS with 1mM EDTA and 0.09% sodium azide

Selected Validation Data

G60253-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.

G60253-1-5C 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.

G60253-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Stain-Fix protocol.