

MultiPro[™] 5CFLX Anti-Human TNF Alpha (7B8A11)

Catalog Number: **G60291-1-5C**

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G60291-1-5C	BC028148	7B8A11
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	7124	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000232810	CGGAGATGTGTATAAGAGACAGACAC CGTATGATAGGCCCATATAAGAAA
Isotype:	UNIPROT ID:	Barcode Sequence:
IgG2b	P01375	ACACCGTATGATAGG
Immunogen Catalog Number:	Full Name:	
AG11413	MultiPro [™] 5CFLX Anti-Human TNF Alpha (7B8A11)	

Applications

Tested Applications:
Single Cell (Intra)
Species Specificity:
Human

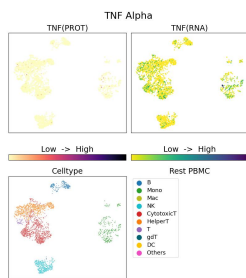
Background Information

TNF, as also known as TNF-alpha, or cachectin, is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. It is expressed as a 26 kDa membrane bound protein and is then cleaved by TNF-alpha converting enzyme (TACE) to release the soluble 17 kDa monomer, which forms homotrimers in circulation. It is produced chiefly by activated macrophages, although it can be produced by many other cell types such as CD4+ lymphocytes, NK cells, neutrophils, mast cells, eosinophils, and neurons. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, INS resistance, and cancer.

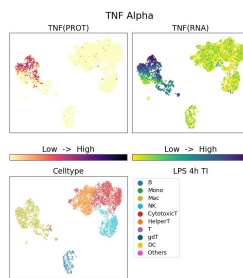
Storage

Storage:
2-8°C
Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

Selected Validation Data



G60291-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G60291-1-5C 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.