

For Research Use Only

# MultiPro™ 5CFLX Anti-Human SP1 (4G3H3)



Catalog Number: G66508-1-5C

## Basic Information

<b>Catalog Number:</b> G66508-1-5C	<b>GenBank Accession Number:</b> BC062539	<b>CloneNo.:</b> 4G3H3
<b>Size:</b> 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6667	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000185591	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGTCAT TGCCGATTAGCCCCATATAAGAAA
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P08047	<b>Barcode Sequence:</b> TCATTGCGGATTAGC
<b>Immunogen Catalog Number:</b> AG16720	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human SP1 (4G3H3)	

## Applications

**Tested Applications:**  
Single Cell (Intra)

**Species Specificity:**  
Human

## Background Information

The transcription factor Sp1 is a C2H2 zinc-finger protein that is involved in the regulation of a wide variety of genes, including housekeeping genes and tumor-developing genes. It is associated with tumor development, growth, and metastasis [PMID: 16209919]. It regulates the expression of a large number of genes involved in a variety of processes such as cell growth, apoptosis, differentiation and immune responses. Besides, it has a role in modulating the cellular response to DNA damage, recruiting SMARCA4/BRG1 on the c-FOS promoter, regulation of FE65 gene expression [PMID:11371615,16332679]. SP1 has some isoforms with MW ~95-106 kDa and ~60 kDa [PMID:17462816].

## Storage

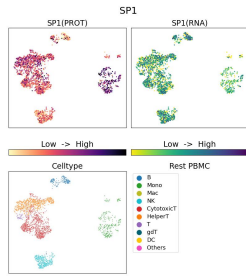
**Storage:**  
2-8°C

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

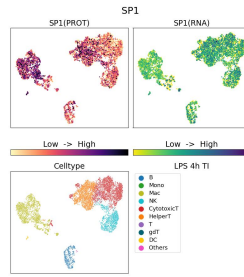
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



G66508-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G66508-1-5C 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.