

For Research Use Only

# MultiPro™ 5CFLX Anti-Human SYK (4C4A12)



Catalog Number: G66721-1-5C

## Basic Information

<b>Catalog Number:</b> G66721-1-5C	<b>GenBank Accession Number:</b> BC001645	<b>CloneNo.:</b> 4C4A12
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 6850	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000165025	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGAGACAGCGTG ATGCGCTGACGCCCATATAAGAAA
<b>Isotype:</b> IgG2b	<b>UNIPROT ID:</b> P43405	<b>Barcode Sequence:</b> CGTGATGCGCTGACG
<b>Immunogen Catalog Number:</b> AG17654	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human SYK (4C4A12)	

## Applications

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

**Species Specificity:**  
Human

## Background Information

SYK(spleen tyrosine kinase) is a key regulator of signal transduction events,apoptosis and orderly cell cycle progression in B-lineage lymphoid cells. Although SYK has not been linked to a human disease, defective expression of the closely related T-cell tyrosine kinase ZAP-70 has been associated with severe combined immunodeficiency(PMID:11494125). This protein has 2 isoforms produced by alternative splicing. SYK also promotes liver fibrosis by activation of hepatic stellate cells and acts as a biomarker for human hepatocellular carcinoma. (PMID: 29537660)

## 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:

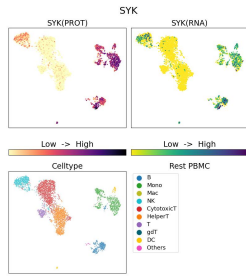
T: 4006900926

E: Proteintech-CN@ptglab.com

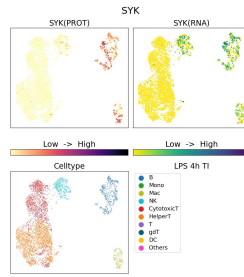
W: ptgcn.com

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## Selected Validation Data



G66721-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G66721-1-5C 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.