

For Research Use Only

MultiPro™ 5CFLX Anti-Human POU2AF1 (3C5A7)



Catalog Number: G66659-1-5C

Basic Information

Catalog Number: G66659-1-5C	GenBank Accession Number: BC032549	CloneNo.: 3C5A7
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 5450	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000110777	Full Oligo Sequence: CGGAGATGTGTATAAGACAGGGTA TCCGCAAGCGTCCCATATAAGAAA
Isotype: IgG1	UNIPROT ID: Q16633	Barcode Sequence: GGTATCCGCAAGCGT
Immunogen Catalog Number: AG23613	Full Name: MultiPro™ 5CFLX Anti-Human POU2AF1 (3C5A7)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

POU2AF1, also named as BOB-1 or OCA-B, is a 256 amino acid protein, which belongs to the POU2AF1 family. POU2AF1 is expressed in B-cell specific. POU2AF1 as a transcriptional coactivator that specifically associates with either OCT1 or OCT2. It boosts the OCT1 mediated promoter activity and to a lesser extent, that of OCT2. It has no intrinsic DNA-binding activity. It recognizes the POU domains of OCT1 and OCT2. It is essential for the response of B-cells to antigens and required for the formation of germinal centers. The predicted size of this protein is 27 kDa. Studies have reported that the protein has a multi-band size of 34-35 kDa through siRNA interference experiments (PMID: 17621271). This result is the same as our experiments.

Storage

Storage:
2-8°C

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

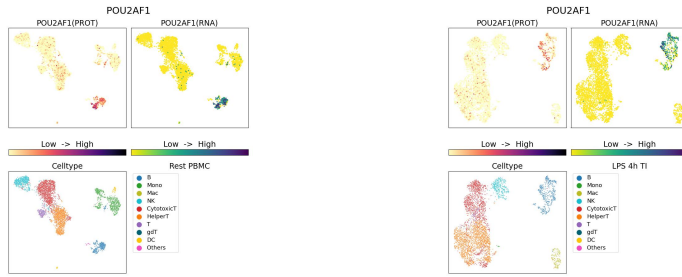
For technical support and original validation data for this product please contact:

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Selected Validation Data



G66659-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.

G66659-1-5C 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.