

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

Catalog Number: **G66659-1-5C**

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G66659-1-5C	BC032549	3C5A7
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	5450	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000110777	CGGAGATGTGTATAAGACAGGGTA TCCGCAAGCGTCCCATATAAGAAA
Isotype:	UNIPROT ID:	Barcode Sequence:
IgG1	Q16633	GGTATCCGCAAGCGT
Immunogen Catalog Number:	Full Name:	
AG23613	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

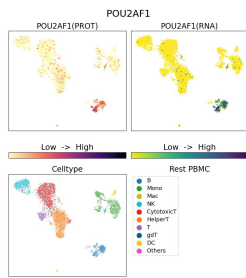
Storage:

2-8°C

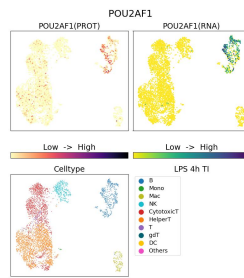
Storage Buffer:

PBS with 1mM EDTA and 0.09% sodium azide

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.