

For Research Use Only

MultiPro™ 5CFLX Anti-Human MAFB (Polyclonal)



Catalog Number: G20189-1-5C

Basic Information

Catalog Number: G20189-1-5C	GenBank Accession Number: BC036689	Conjugate: 5CFLX
Size: 500ug/mL	GeneID (NCBI): 9935	Full Oligo Sequence: CGGAGATGTGTATAAGAGACAGTCGC GGACCAGGAATCCCATATAAGAAA
Source: Rabbit	ENSEMBL Gene ID: ENSG00000204103	Barcode Sequence: TCGCGGACCAGGAAT
Isotype: IgG	UNIPROT ID: Q9Y5Q3	
Immunogen Catalog Number: AG14102	Full Name: MultiPro™ 5CFLX Anti-Human MAFB (Polyclonal)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

MAFB (MAF BZIP Transcription Factor B), also known as V-maf musculoaponeurotic fibrosarcoma oncogene homolog B, is a widely expressed basic leucine zipper transcription factor belonging to the Maf family. MAFB expression is significantly elevated in response to a broad range of metabolic and immunological stimuli that promote macrophage M2 polarization, cholesterol efflux, or both, whereas it is strongly down-regulated in response to various pro-inflammatory pathogenic triggers (PMID: 28790455). MAFB is highly expressed in tumor tissues and required for proliferation and tumorigenicity of osteosarcoma cells (PMID: 32234710) and is a marker of tumor-associated macrophages in both mouse and human (PMID: 31679694).

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:

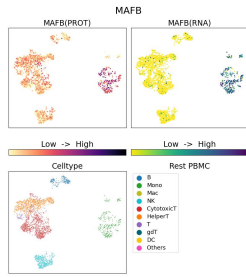
T: 4006900926

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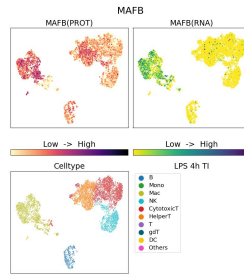
W: ptgcn.com

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Selected Validation Data



G20189-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G20189-1-5C 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.