

MultiPro[™] 5CFLX Anti-Human MAFB (Polyclonal)

Catalog Number: **G20189-1-5C**

Basic Information

Catalog Number:

G20189-1-5C

Size:

500ug/mL

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14102

GenBank Accession Number:

BC036689

GeneID (NCBI):

9935

ENSEMBL Gene ID:

ENSG00000204103

UNIPROT ID:

Q9Y5Q3

Full Name:MultiPro[™] 5CFLX Anti-Human MAFB (Polyclonal)**Conjugate:**

5CFLX

Full Oligo Sequence:CGGAGATGTGTATAAGAGACAGTCGC
GGACCAGGAATCCCATATAAGAAA**Barcode Sequence:**

TCGCGGACCAGGAAT

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

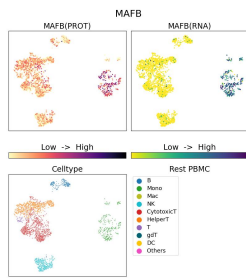
For technical support and original validation data for this product please contact:

T: 4006900926

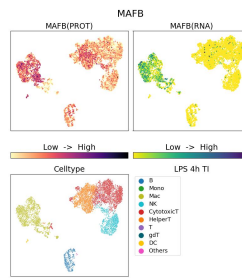
E: Proteintech-CN@ptglab.comW: ptgcn.com

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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.