

For Research Use Only

MultiPro™ 5CFLX Anti-Human TPM4 (2E12D12)



Catalog Number: **G67244-1-5C**

Basic Information

| | | |
|---|---|--|
| Catalog Number: G67244-1-5C | GenBank Accession Number: BC037576 | CloneNo.: 2E12D12 |
| Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard; | GeneID (NCBI): 7171 | Conjugate: 5CFLX |
| Source: Mouse | ENSEMBL Gene ID: ENSG00000167460 | Full Oligo Sequence: CGGAGATGTGTATAAGACAGTCAC CGCATATATACCCATATAAGAAA |
| Isotype: IgG1 | UNIPROT ID: P67936 | Barcode Sequence: TCACCGCATATATAC |
| Immunogen Catalog Number: AG6947 | Full Name: MultiPro™ 5CFLX Anti-Human TPM4 (2E12D12) | |

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

TPM4 is a member of tropomyosins (TPMs), a multi-gene family of actin-binding proteins present in all eukaryotic cells. In muscle, TPMs are responsible for mediating contraction via regulation of the actin-myosin interaction. As to non-muscle cells, its proposed role is to stabilize the actin filaments by modulating the interaction with proteins that are responsible for the regulation of actin dynamics. The form of TPM4 in muscle has a higher molecular weight than the form found in non-muscle cells.

Storage

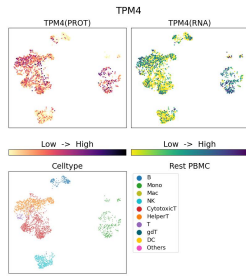
Storage:
2-8°C

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

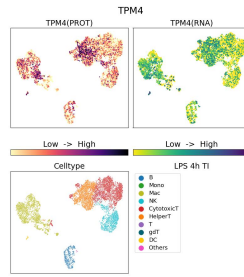
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



G67244-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G67244-1-5C 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.