

For Research Use Only

MultiPro™ 5CFLX Anti-Human Vimentin (3H9D1)



Catalog Number: G60330-1-5C

Basic Information

| | | |
|---|---|--|
| Catalog Number: G60330-1-5C | GenBank Accession Number: BC000163 | CloneNo.: 3H9D1 |
| Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard; | GeneID (NCBI): 7431 | Conjugate: 5CFLX |
| Source: Mouse | ENSEMBL Gene ID: ENSG00000026025 | Full Oligo Sequence: CGGAGATGTGTATAAGACAGACAT GCCTAGCTCCGCCATATAAGAAA |
| Isotype: IgG1 | UNIPROT ID: P08670 | Barcode Sequence: ACATGCCTAGCTCCG |
| Immunogen Catalog Number: AG0489 | Full Name: MultiPro™ 5CFLX Anti-Human Vimentin (3H9D1) | |

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

Vimentin, also named as VIM, belongs to the intermediate filament family. Vimentin is class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is important for stabilizing the architecture of the cytoplasm. Monocyte-derived macrophages secrete vimentin into the extracellular space in vitro. Secretion of vimentin was enhanced by the proinflammatory cytokine tumor necrosis factor-alpha (TNFA; 191160) and inhibited by the antiinflammatory cytokine IL10 (124092), suggesting that vimentin is involved in the immune response. Vimentin has specialized functions that contribute to specific dynamic cellular processes. As a phosphoprotein, 55-60 kDa of vimentin proteins can be observed due to the different phosphorylation level.

Storage

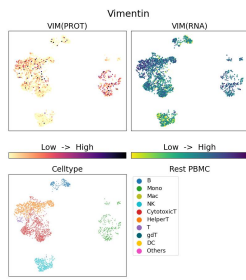
Storage:
2-8°C

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

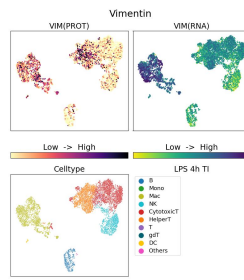
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



G60330-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G60330-1-5C 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.