

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: 500ug/mL	GeneID (NCBI): 7431	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000026025	Full Oligo Sequence: CGGAGATGTGTATAAGACAGACAT GCCTAGCTCCGCCCATATAAGAAA
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

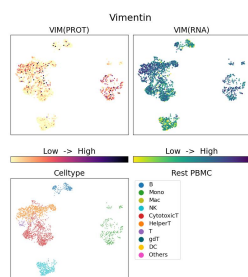
Vimentin, also named as VIM, belongs to the intermediate filament family. Vimentin is class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is important for stabilizing the architecture of the cytoplasm. Monocyte-derived macrophages secrete vimentin into the extracellular space in vitro. Secretion of vimentin was enhanced by the proinflammatory cytokine tumor necrosis factor- α (TNF α ; 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

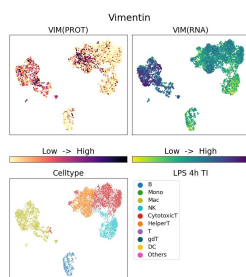
Storage:
2-8°C

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

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.