

For Research Use Only



# MultiPro™ 5CFLX Anti-Human AHNAK (Polyclonal)

Catalog Number: G16637-1-5C

## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>G16637-1-5C      | <b>GenBank Accession Number:</b><br>BC000926                          | <b>Conjugate:</b><br>5CFLX  |
| <b>Size:</b><br>500ug/mL                   | <b>GeneID (NCBI):</b><br>79026  | <b>Full Oligo Sequence:</b><br>CGGAGATGTGTATAAGAGACAGCTGC<br>GTACAGGTGGACCCATATAAGAAA |
| <b>Source:</b><br>Rabbit                   | <b>ENSEMBL Gene ID:</b><br>ENSG00000124942                            | <b>Barcode Sequence:</b><br>CTGCGTACAGGTGGA   |
| <b>Isotype:</b><br>IgG                     | <b>UNIPROT ID:</b><br>Q09666  |   |
| <b>Immunogen Catalog Number:</b><br>AG9986 | <b>Full Name:</b><br>MultiPro™ 5CFLX Anti-Human AHNAK<br>(Polyclonal) |   |

## Applications

**Tested Applications:**  
Single Cell (Intra)

**Species Specificity:**  
Human

## Background Information

AHNAK, also known as desmoyokin, is described as a giant scaffold protein based on its large size (629 kDa) and ability to interact with different proteins to form multi-protein complexes. The bulk of the protein is assembled in 128-residue repetitive elements known as the central repeated unit (CRU). Its proposed functions are quite diverse, ranging from a role in the formation of the blood brain barrier, in cell architecture and migration, to the regulation of cardiac channels and muscle membrane repair. AHNAK is differentially expressed in some cancer cell lines. The expression of AHNAK is subsequently localized to the plasma membrane of keratinocytes in human epidermis. AHNAK has been reported in many intracellular locations including the nucleus, cytoplasm and plasma membrane.

## 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:

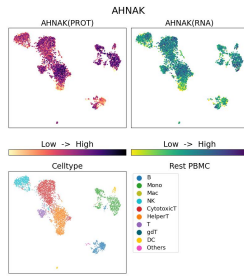
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

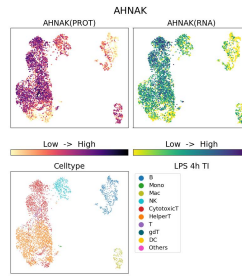
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



G16637-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G16637-1-5C 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.