

For Research Use Only

# MultiPro™ 5CFLX Anti-Human ENO1 (2C20)



Catalog Number: G81478-1-5C

## Basic Information

<b>Catalog Number:</b> G81478-1-5C	<b>GenBank Accession Number:</b> BC015641	<b>CloneNo.:</b> 2C20
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 2023	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000074800	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGCTTG TTACATAGACTCCCATATAAGAAA
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P06733	<b>Barcode Sequence:</b> CTTGTTACATAGACT
<b>Immunogen Catalog Number:</b> AG1692	<b>Full Name:</b> MultiPro™ 5CFLX Anti-Human ENO1 (2C20)	

## Applications

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

**Species Specificity:**  
Human

## Background Information

ENO1, also named as NNE, ENO1L1, MBPB1, MPB1 and MBP1, belongs to the enolase family. ENO1 is a metabolic enzyme involved in the synthesis of pyruvate. It also acts as a plasminogen receptor and mediates the activation of plasmin and extracellular matrix degradation. In tumor cells, ENO1 is up-regulated and supports the Warburg effect; it is expressed at the cell surface, where it promotes cancer invasion, and is subjected to a specific array of post-translational modifications, namely acetylation, methylation and phosphorylation. ENO1 overexpression and post-translational modifications could be of diagnostic and prognostic value in many cancer types. (PMID: 27814656). This antibody is specific to ENO1 and has no cross-reaction with ENO2 and ENO3.

## 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:

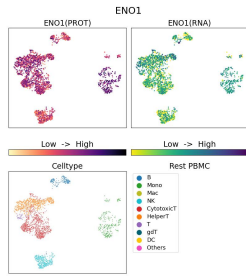
T: 4006900926

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

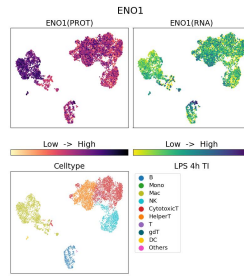
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



G81478-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G81478-1-5C 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.