

For Research Use Only

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



Catalog Number: G81478-1-5C

Basic Information

Catalog Number: G81478-1-5C	GenBank Accession Number: BC015641	CloneNo.: 2C20
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 2023	Conjugate: 5CFLX
Source: Rabbit	ENSEMBL Gene ID: ENSG00000074800	Full Oligo Sequence: CGGAGATGTGTATAAGAGACAGCTTG TTACATAGACTCCCATATAAGAAA
Isotype: IgG	UNIPROT ID: P06733	Barcode Sequence: CTTGTTACATAGACT
Immunogen Catalog Number: AG1692	Full Name: 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

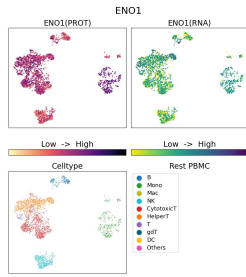
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

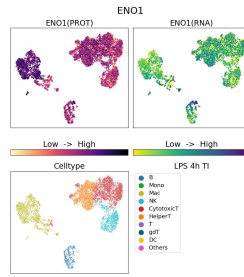
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.