

For Research Use Only



FcZero-rAb® PE Anti-Human PSMA/GCPII Rabbit Recombinant Antibody

Catalog Number: **PE-FcA98279**

Basic Information

Catalog Number: PE-FcA98279	GenBank Accession Number: NM_004476.3	Purification Method: Protein A purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 2346	CloneNo.: 242026E6
Source: Rabbit	UNIPROT ID: Q04609	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: folate hydrolase (prostate-specific membrane antigen) 1	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Immunogen Catalog Number: EG0216	Calculated MW: 84 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : LNCaP cells,
Species Specificity: human	

Background Information

PSMA (Prostate-specific membrane antigen) is also named as FOLH1, FOLH, NAALAD1, PSM and belongs to the peptidase M28 family. PSMA is a 100-120 kDa integral transmembrane glycoprotein, considered to be a highly specific marker of the prostate gland, and has successfully been used as a marker of circulating prostatic epithelial cells(PMID:10074909; 15680901). It is involved in conversion of the major neurotransmitter (NAAG) to NAA and free glutamate. It has 8 isoforms produced by alternative splicing.

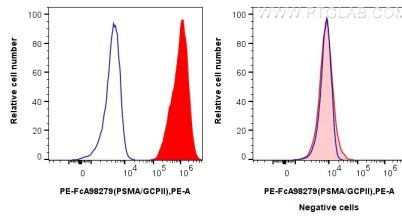
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

Selected Validation Data



1x10⁶ LNCaP cells (left) or HeLa (right) were surface stained with 5 uL PE Anti-Human PSMA/GCPII Rabbit RecAb (PE-FcA98279, Clone: 242026E6)(red) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.