

For Research Use Only

FcZero-rAb® PerCP-Cyanine5.5 Anti-Human PSMA/GCPII Rabbit Recombinant Antibody

Catalog Number:CPY5-FcA98279



Basic Information

Catalog Number:

CPY5-FcA98279

Concentration:

100tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0216

GenBank Accession Number:

NM_004476.3

GeneID (NCBI):

2346

UNIPROT ID:

Q04609

Full Name:

folate hydrolase (prostate-specific membrane antigen) 1

Calculated MW:

84 kDa

Purification Method:

Protein A purification

CloneNo.:

242026E6

Recommended Dilutions:

FC: 5 ul per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

482 nm / 690nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : LNCaP cells,

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:

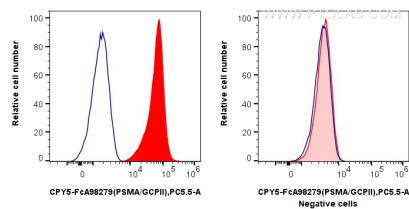
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ LNCaP cells (left) or HeLa (right) were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human PSMA/GCPII Rabbit RecAb (CPY5-FcA98279, Clone: 242026E6) (red) or Rabbit IgG Isotype Control RecAb (CPY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.