

For Research Use Only

Anti-Human Prion protein PrP/CD230 Rabbit Recombinant Antibody

Catalog Number: 98414-4-RR



Basic Information

Catalog Number:

98414-4-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3359

GenBank Accession Number:

BC012844

GeneID (NCBI):

5621

UNIPROT ID:

P04156

Full Name:

prion protein

Purification Method:

Protein A purification

CloneNo.:

243104D11

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

The major prion protein (PrP), also known as CD230, is encoded by the prion protein-encoding gene (PRNP). PrP is widely expressed in a variety of tissues and is abundant in the nervous system and participates in neuronal growth and survival. PrP expression is strongly associated with immune infiltrating cells, immunosuppressive cell infiltration and immune checkpoint molecules. PrP is an immune-related prognostic marker that holds promise for predicting outcomes related to colorectal cancer immunotherapy.

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

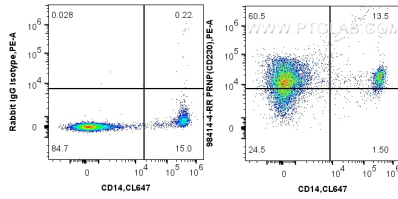
T: 4006900926

E: Proteintech-CN@ptglab.com

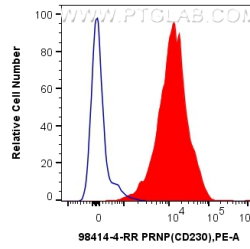
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Prion protein PrP/CD230 Rabbit RecAb (98414-4-RR, Clone: 243104D11) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Prion protein PrP/CD230 Rabbit RecAb (98414-4-RR, Clone: 243104D11) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.