

For Research Use Only

CoraLite®594 Anti-Human CD82 Rabbit Recombinant Antibody

Catalog Number:CL594-98278



Basic Information

Catalog Number:

CL594-98278

Concentration:

100tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1749

GenBank Accession Number:

NM_002231.4

GeneID (NCBI):

3732

UNIPROT ID:

P27701-1

Full Name:

CD82 molecule

Calculated MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

241765F7

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

CD82 is a membrane glycoprotein and belongs to the tetraspanin superfamily, many of which are implicated in the regulation of cell motility, morphology, fusion, signaling, fertilization, and differentiation. CD82 was originally identified as a suppressor of metastasis located on human chromosome 11p11.2 in prostate carcinoma. The majority of evidence indicates that CD82 expression is downregulated or abolished in a variety of malignant tumors. CD82 is present at high levels in human monocyte and macrophage lineages and in various epithelial cells in the prostate, lung, pancreas and many other tissues. In epithelial cells, CD82 is implicated in diverse biological processes such as cell adhesion, migration, apoptosis and morphogenesis.

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:

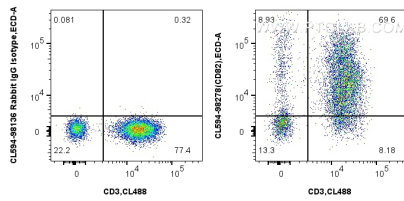
T: 4006900926

E: Proteintech-CN@ptglab.com

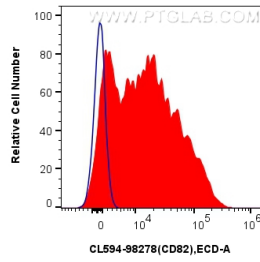
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD3, and 5 ul CoraLite® 594 Anti-Human CD82 Rabbit RecAb (CL594-98278, Clone: 241765F7) or CoraLite® 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® 594 Anti-Human CD82 Rabbit RecAb (CL594-98278, Clone: 241765F7) (red) or CoraLite® 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-98136, Clone: 240953C9) (blue). Cells were not fixed.