For Research Use Only

CD82 Recombinant antibody, PBS Only (Capture)

Catalog Number:84617-3-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
84617-3-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

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.:
241765E10

Applications

Tested Applications:
IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

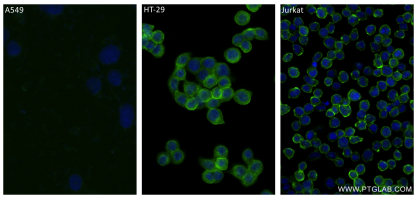
CD82 is a membrane glycoprotein and belongs to the tetraspanin superfamily, many of which are implicated in the regulation of cell motility, morphology, fusion, signaling, fertilization, and differentiation. CD82 was originally identified as a suppressor of metastasis located on human chromosome 11p11.2 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

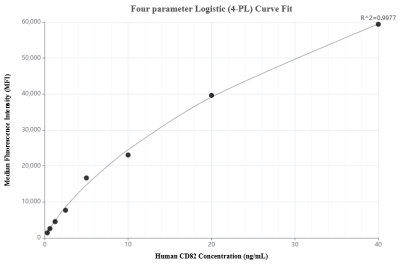
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CD82 antibody (84617-3-RR, Clone: 241765E10) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84617-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01456-1, CD82 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84617-3-PBS. Detection antibody: 84617-4-PBS. Standard: Eg1749. Range: 0.313-40 ng/mL.