

For Research Use Only

CoraLite® Plus 488-conjugated CD82 Monoclonal antibody



Catalog Number: **CL488-66803**

Basic Information

Catalog Number: CL488-66803	GenBank Accession Number: BC000726	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3732	CloneNo.: 1E7A4
Source: Mouse	UNIPROT ID: P27701	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Full Name: CD82 molecule	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG17513	Calculated MW: 30 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF : human tonsillitis tissue,
Species Specificity: Human, mouse	

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 -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

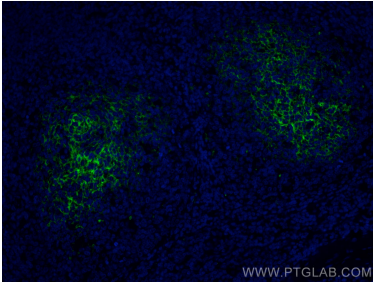
T: 4006900926

E: Proteintech-CN@ptglab.com

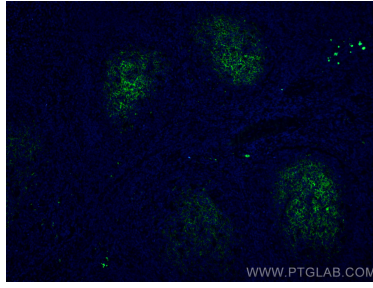
W: ptgcn.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 CD82 antibody (CL488-66803, Clone: 1E7A4) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 CD82 antibody (CL488-66803, Clone: 1E7A4) at dilution of 1:200.