

TAPA1/CD81 Rabbit mAb

Catalog No: #49103

Package Size: #49103-1 50ul #49103-2 100ul



SAB[®]
Signalway Antibody

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Support: tech@signalwayantibody.com

Description

Product Name	TAPA1/CD81 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SR4531
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	26 kDa cell surface protein TAPA 1 antibody 26 kDa cell surface protein TAPA-1 antibody 26 kDa cell surface protein TAPA1 antibody CD 81 antibody CD81 antibody CD81 antigen (target of antiproliferative antibody 1) antibody CD81 antigen antibody CD81 molecule antibody CD81_HUMAN antibody CVID6 antibody S5.7 antibody TAPA 1 antibody TAPA1 antibody Target of the antiproliferative antibody 1 antibody Tetraspanin 28 antibody Tetraspanin-28 antibody Tetraspanin28 antibody Tspan 28 antibody Tspan-28 antibody Tspan28 antibody
Accession No.	Swiss-Prot#:P60033
Calculated MW	20 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

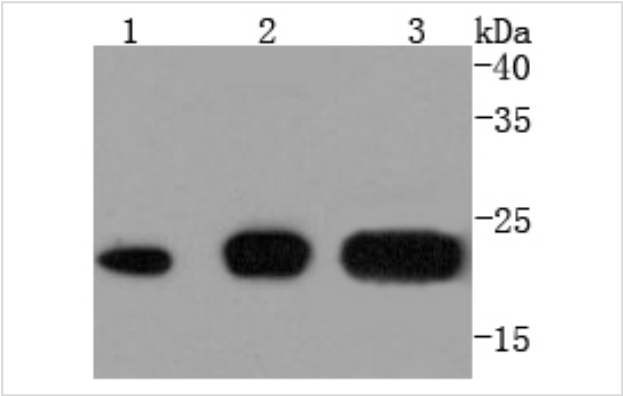
WB: 1:1,000-1:2,000

IHC: 1:50-1:200

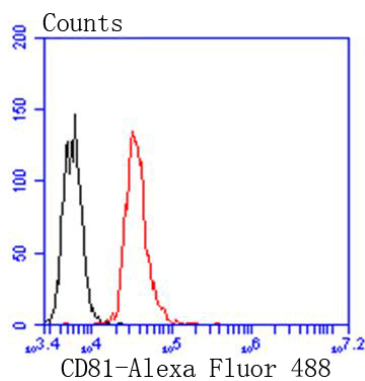
ICC: 1:100-1:500

FC: 1:50-1:100

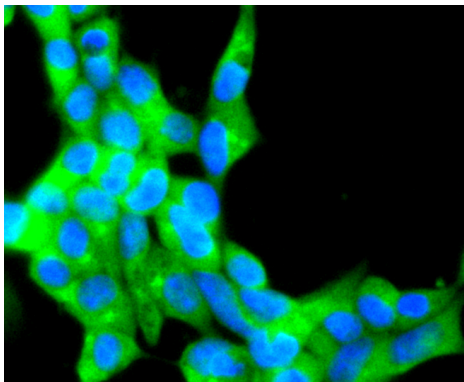
Images



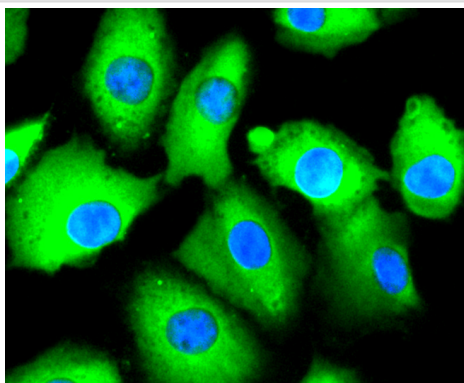
Western blot analysis of CD81 on different lysates using anti-CD81 antibody at 1/1,000 dilution. Positive control: Lane 1: JAR Lane 2: PC-12 Lane 3: K562



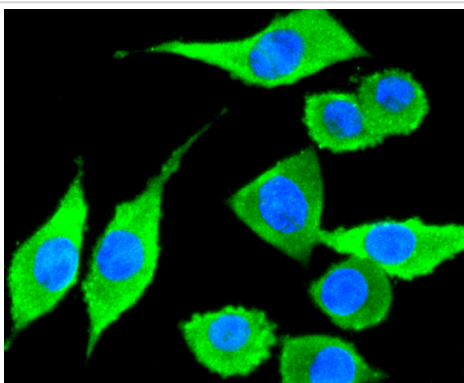
Flow cytometric analysis of Jurkat cells with CD81 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



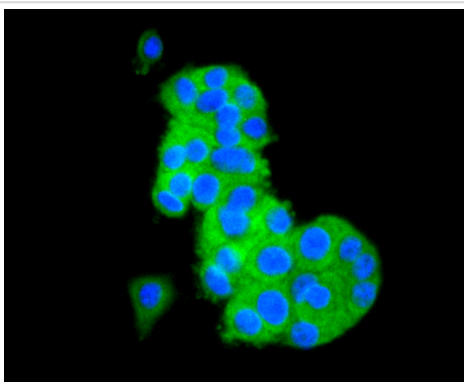
ICC staining CD81 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



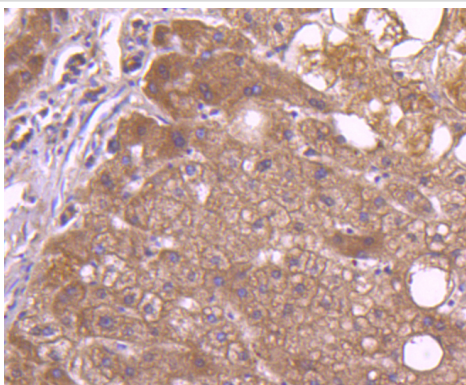
ICC staining CD81 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



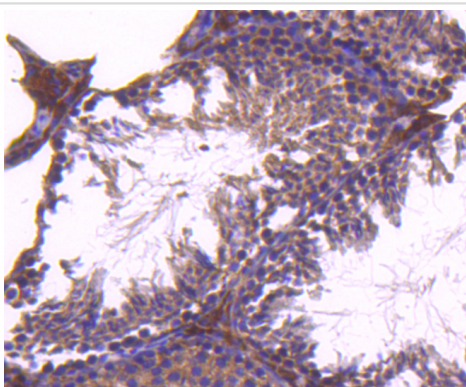
ICC staining CD81 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



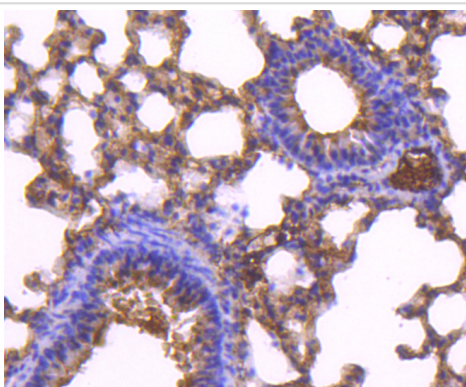
ICC staining CD81 in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-CD81 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-CD81 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-CD81 antibody. Counter stained with hematoxylin.

Background

CD81, also called TAPA-1, is a type III transmembrane protein that is broadly expressed on cells of hematopoietic, neuroectodermal and mesenchymal origin. CD81 is believed to be involved in both cell growth and signal transduction. It can be present as a multimolecular complex in association with CD37 and/or CD53, or on the surface of B cells in association with CD19, CD21 and/or MHC class II antigens.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.