Product Datasheet

TAPA1/CD81 Rabbit mAb

Catalog No: #49103

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	TAPA1/CD81 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SN206-01
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Human;Mouse;Rat
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

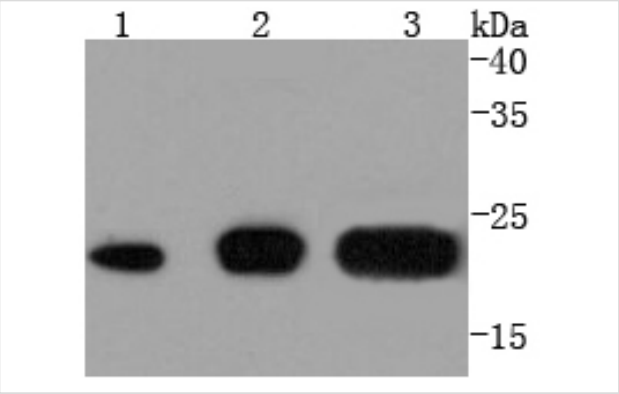
WB: 1:1,000-1:2,000

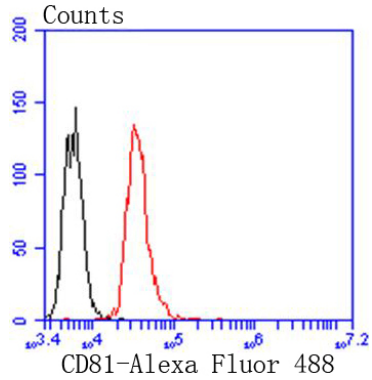
IHC: 1:50-1:200

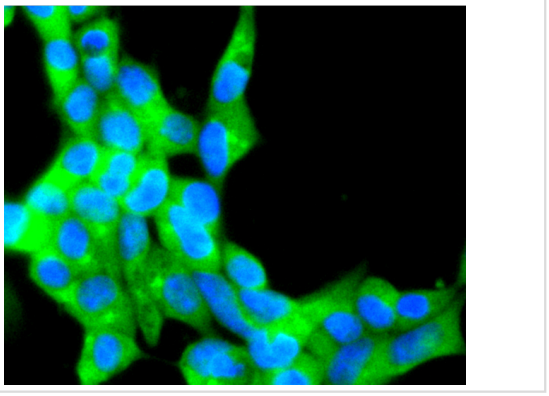
ICC: 1:100-1:500

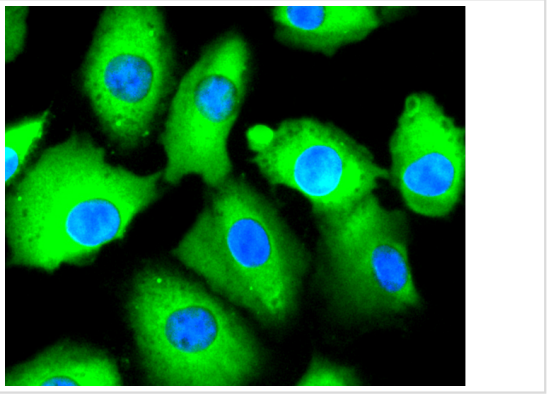
FC: 1:50-1:100

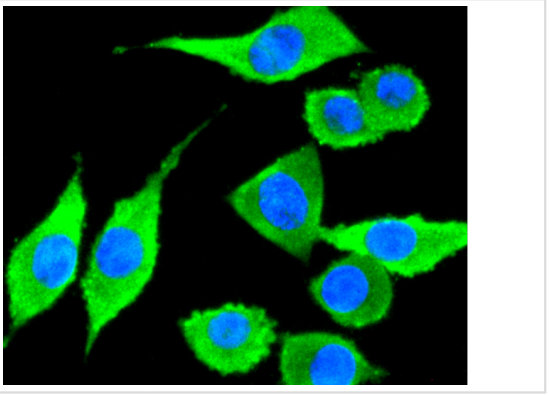
Images

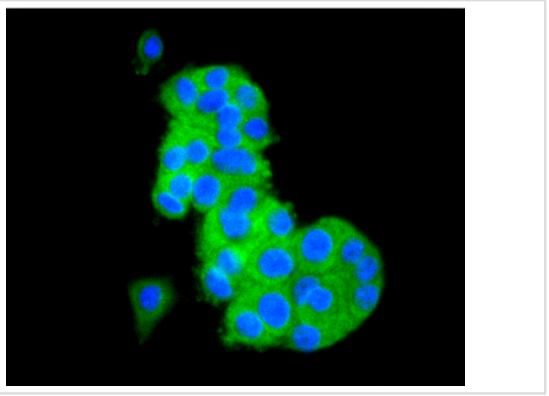


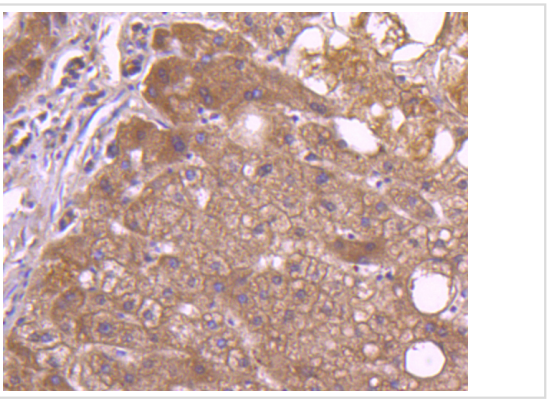

Counts
200
150
100
50
0
CD81-Alexa Fluor 488

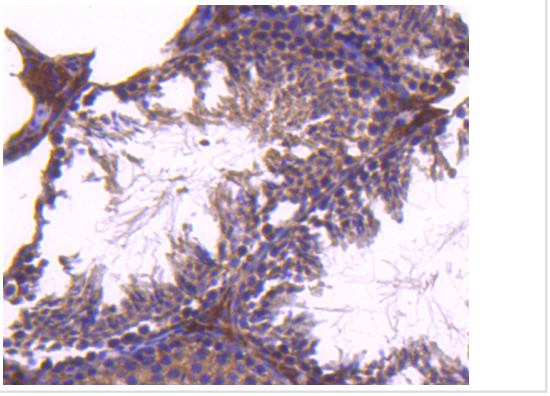


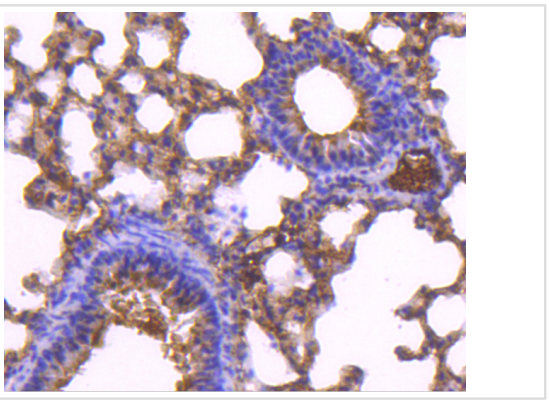












Background

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

1. Gu J et al. Gastric cancer exosomes trigger differentiation of umbilical cord derived mesenchymal stem cells to carcinoma-associated fibroblasts through TGF-?/Smad pathway. PLoS One 7:e52465 (2012).
2. Drummond HA et al. Renal inflammation and elevated blood pressure in a mouse model of reduced {beta}-ENaC. Am J Physiol Renal Physiol 301:F443-9 (2011).

Published Papers

Qiu Jiling, Zhao Yifan, Chen Yingyi, Wang Yanxue, Du Juan, Xu Junji, Guo Lijia, Liu Yi el at., Exosomes derived from bone marrow-derived mesenchymal stem cells of exercise-trained mice improve wound healing by inhibiting macrophage M1 polarization, Stem cells (Dayton, Ohio), (2025) PMID:40498332

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