

For Research Use Only

CD151 Monoclonal antibody, PBS Only



Catalog Number: 66567-1-PBS

Featured Product

Basic Information

Catalog Number:

66567-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG25985

GenBank Accession Number:

BC001374

GeneID (NCBI):

977

UNIPROT ID:

P48509

Full Name:

CD151 molecule (Raph blood group)

Calculated MW:

28 kDa

Observed MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

2A8G8

Applications

Tested Applications:

WB,IP,Indirect ELISA,IHC,FC

Species Specificity:

Human

Background Information

CD151 (also known as TSPAN24) is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Many of these members are involved in the regulation of cell development, activation, growth and motility. CD151 is broadly expressed by a variety of cell types. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. CD151 enhances cell motility, invasion and metastasis of cancer cells.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

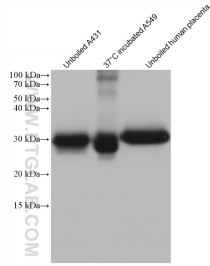
T: 4006900926

E: Proteintech-CN@ptglab.com

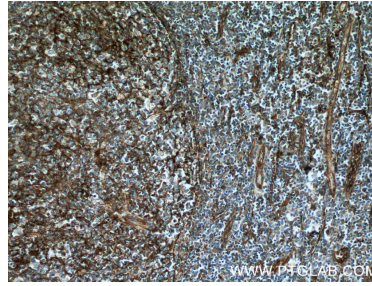
W: ptgcn.com

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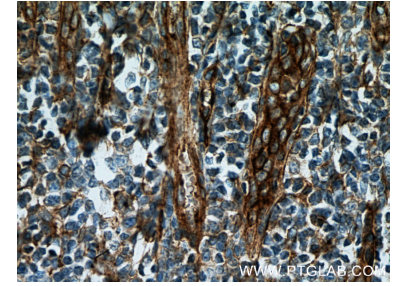
Selected Validation Data



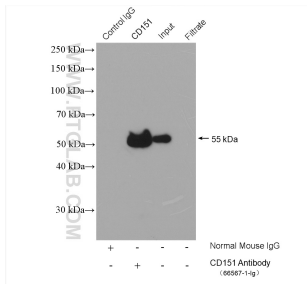
Various lysates were subjected to SDS PAGE followed by western blot with 66567-1-Ig (CD151 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66567-1-PBS in a different storage buffer formulation.



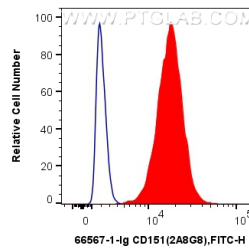
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66567-1-Ig (CD151 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66567-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66567-1-Ig (CD151 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66567-1-PBS in a different storage buffer formulation.



IP result of anti-CD151 (IP:66567-1-Ig, 4ug; Detection:66567-1-Ig 1:10000) with human placenta tissue lysate 800 ug. This data was developed using the same antibody clone with 66567-1-PBS in a different storage buffer formulation.



1X10⁶ A549 cells were intracellularly stained with 0.4 ug Anti-Human CD151 (66567-1-Ig, Clone:2A8G8) and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (MPC-11) (65128-1-Ig, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66567-1-PBS in a