

For Research Use Only

# CD151 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66567-1-PBS

Featured Product



## Basic Information

Catalog Number:

66567-1-PBS

Concentration:

1mg/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, IHC, IF-P, IP, Cytometric bead array, Indirect ELISA

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.

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:

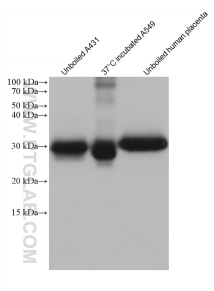
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

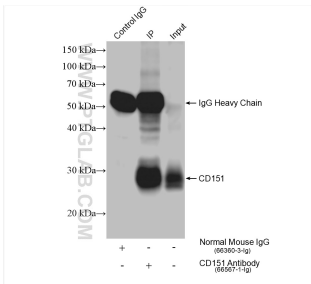
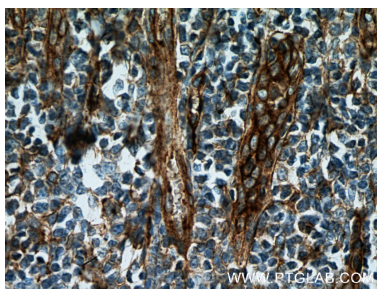
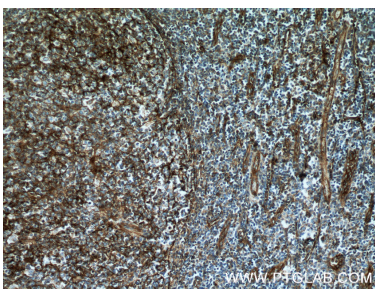
W: [ptgcn.com](http://ptgcn.com)

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

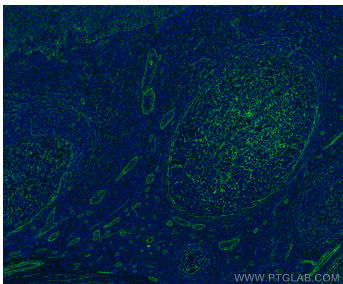
Selected Validation Data



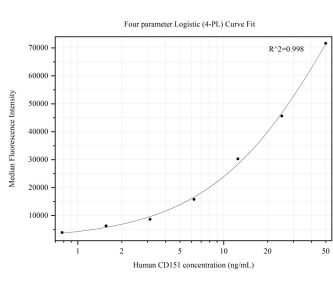
Various lysates were subjected to SDS PAGE followed by western blot with 66567-1-Ig (CD151 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66567-1-PBS in a different storage buffer formulation.



IP result of anti-CD151 (IP:66567-1-Ig, 4ug; Detection:66567-1-Ig 1:2000) with human placenta tissue lysate 960 ug. This data was developed using the same antibody clone with 66567-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CD151 antibody (66567-1-Ig, Clone: 2A8G8 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). 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.



Cytometric bead array standard curve of MP50304-1, CD151 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66567-1-PBS. Detection antibody: 66567-2-PBS. Standard:Ag25985. Range: 0.781-50 ng/mL.