

CD151 Polyclonal ANTIBODY

Catalog Number: 10418-1-AP

1 Publications

Basic Information

Catalog Number:
10418-1-AP

Size:
26 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG0341

GenBank Accession Number:
BC001374

GeneID (NCBI):
977

Full Name:
CD151 molecule (Raph blood group)

Calculated MW:
28 kDa

Observed MW:
32 kDa

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

Applications

Tested Applications:
IP, WB, ELISA

Species Specificity:
human,mouse,rat

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse spleen tissue;

IP : mouse spleen tissue;

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Deissler Heidrun H	17912457	Int J Mbl Med	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

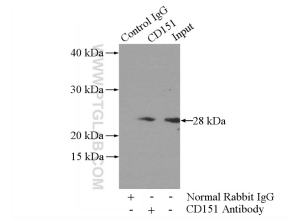
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 10418-1-AP(CD151 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours



IP Result of anti-CD151 (IP:10418-1-AP, 3ug; Detection:10418-1-AP 1:300) with mouse spleen tissue lysate 4000ug.