

# CoraLite®594-conjugated CD151 Monoclonal antibody

Catalog Number: **CL594-66567**

## Basic Information

<b>Catalog Number:</b> CL594-66567	<b>GenBank Accession Number:</b> BC001374	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 867 µg/ml	<b>GeneID (NCBI):</b> 977	<b>CloneNo.:</b> 2A8G8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P48509	<b>Recommended Dilutions:</b> IF-P 1:50-1:500
<b>Isotype:</b> IgG2b	<b>Full Name:</b> CD151 molecule (Raph blood group)	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG25985	<b>Calculated MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> IF-P	<b>Positive Controls:</b> IF-P : human tonsillitis tissue,
<b>Species Specificity:</b> Human	

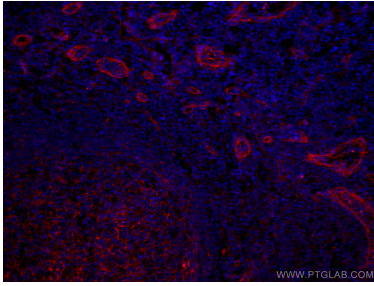
## Background Information

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. And the antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

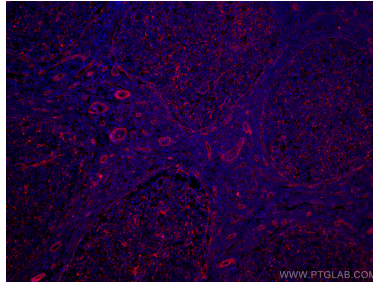
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594-conjugated CD151 antibody (CL594-66567, Clone: 2A8G8 ) at dilution of 1:100.



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