

Product datasheet for **TA358450**

CD151 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Specificity: | Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat Homology: Cow: 86%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rat: 100% |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 28kDa |
| Gene Name: | CD151 molecule (Raph blood group) |
| Database Link: | NP_620599 Entrez Gene 977 Human P48509 |



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Background:

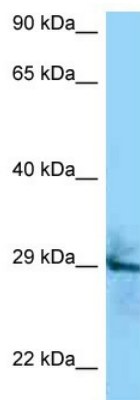
The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene.

Synonyms:

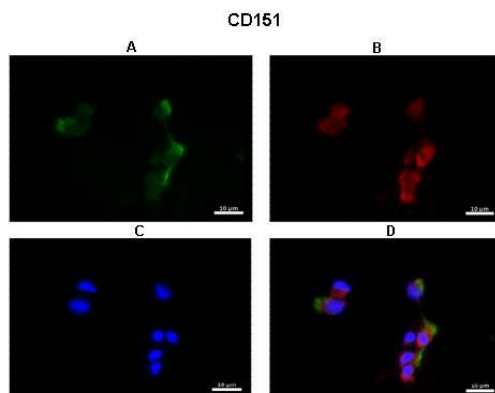
GP27; MER2; PETA-3; PETA3; RAPH; SFA-1; SFA1; Tetraspanin-24; Tspan-24; TSPAN24

Protein Families:

Druggable Genome, Transmembrane

Product images:


WB Suggested Anti-CD151 Antibody
 Titration: 1.0 ug/ml
 Positive Control: A549 Whole Cell
 CD151 is supported by BioGPS gene expression data to be expressed in A549



A: Acetylated alpha-tubulin @1:10,000 C: DAPI
 B: KTU concentration @1:1000 (ARP63500) D: Merge

See IHC 1 Data and customer Feedback for more Information

Application: IHC
 Species+tissue/cell type: Human nasal epithelial cells
 Primary antibody dilution: 1:1000
 Secondary antibody: Goat anti-rabbit Alexa Fluor 546
 Secondary antibody dilution: 1:1000