bs-2524R **[Primary Antibody]**

CD151 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 977 **SWISS:** P48509

Target: CD151

Immunogen: KLH conjugated synthetic peptide derived from human CD151: 101-200/253. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Jul 2008].

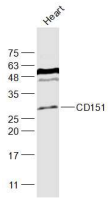
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse (predicted: Rat, Cow, Chicken, Horse)

Predicted MW.: 28 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-CD151 (bs-2524R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 28 kD Observed band size: 28 kD

SELECTED CITATIONS

- **[IF=5.793]** Ceshu Gao. et al. Downregulation of CD151 restricts VCAM-1 mediated leukocyte infiltration to reduce neurobiological injuries after experimental stroke. J Neuroinflamm. 2021 Dec;18(1):1-16 WB ;Human. 34022890