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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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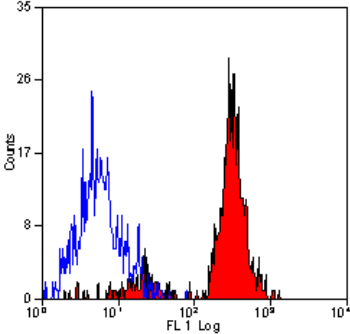
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Product Number	OASA01307
Product Page	www.avivasysbio.com/cd151-antibody-oasa01307.html
Name	CD151 Antibody (OASA01307)
Protein Size (# AA)	253 amino acids
Clone	11G5a
Isotype	IgG1
NCBI Gene Id	977
Host	Mouse
Clonality	Monoclonal
Concentration	1 mg/ml
Alias Symbols	GP27, MER2, RAPH, SFA1, PETA-3, TSPAN24
Product Format	Liquid. Phosphate buffered saline
Reference	1. Yauch, R.L. et al. (1998) Highly stoichiometric, stable, and specific association of integrin alpha 3 beta 1 with CD151 provides a major link to phosphatidylinositol 4-kinase, and may regulate cell migration. Mol. Cell. Biol. 9: 2751-2765. 2. Crew, V.K. et al. (2004) CD151, the first member of the tetraspanin (TM4) superfamily detected on erythrocytes, is essential for the correct assembly of human basement membranes in kidney and skin. Blood 104:2217-2223. 3. Zheng, Z. and Liu, Z. (2006) CD151 gene delivery activates PI3K/Akt pathway and promotes neovascularization
Description of Target	MOUSE ANTI HUMAN CD151
Reconstitution and Storage	-20°C
Datasheets/Manuals	Printable datasheet for CD151 Antibody (OASA01307)
Specificity	Mouse anti Human CD151 antibody, clone 11G5a recognizes the human CD151 cell surface antigen, also known as PETA-3. CD151 is expressed by epithelial cells, endothelial cells, platelets, megakaryocytes, monocytes and in the renal glomeruli and proximal and distal tubules. CD151 is not expressed by lymphocytes or granulocytes. More recently CD151 has also been shown to be expressed by erythrocytes, and to carry the MER2 blood group antigen (Crew et al. 2004). It should be noted that CD151 is very closely associated with the alpha3 beta1 integrin in cells and co-immunoprecipitation may occur even in quite stringent conditions (Yauch. et al. 1998).
Additional Information	Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.
Application Info	Flow Cytometry: 1/50-1/100 Use 10ul of the suggested working dilution to label 10⁶ cells or 100ul whole blood. IHC-P* 1/100 *CD151 antibody requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose. WB Clone 11G5a recognises human CD151 under non-reducing conditions.
Uniprot ID	P48509
Protein Name	CD151 antigen
Sample Type Confirmation	Histology Positive Control Tissue: Tonsil/spleen.
Protein Accession #	NP_001034579.1
Purification	Protein G Purified

Application Data	Application #1: Staining of human peripheral blood platelets with Mouse anti Human CD151 
Gene Symbol	CD151
Predicted Species Reactivity	Human
Application	ELISA, FC, IHC, IP, WB

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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