

Product datasheet for **SM1209R**

CD151 Mouse Monoclonal Antibody [Clone ID: 11G5a]

Product data:

Product Type:	Primary Antibodies
Clone Name:	11G5a
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.
Specificity:	This antibody recognises the CD151 cell surface antigen, also known as PETA-3.
Formulation:	contains 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Store the antibody undiluted Prior to and following reconstitution at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD151 molecule (Raph blood group)
Database Link:	Entrez Gene 977 Human P48509



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Background: 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. (2) It should be noted that CD151 is very closely associated with the alpha3 beta1 integrin in cells and coimmunoprecipitation may occur even in quite stringent conditions. (1)

Synonyms: PETA-3, PETA3, GP27, Tetraspanin-24, SFA-1, SFA1