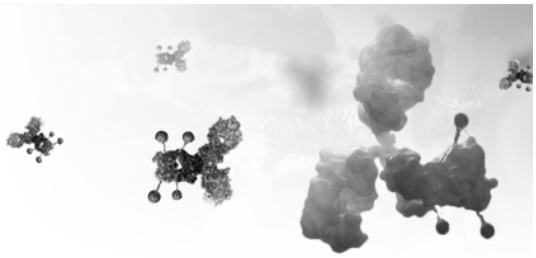

Anti-CD151 monoclonal antibody, clone 11G5a [R-PE] (CABT-47103MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	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. 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. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood
Specificity	CD151
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	11G5a
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected

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from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD151 CD151 molecule (Raph blood group) [Homo sapiens (human)]
Official Symbol	CD151
Synonyms	CD151; CD151 molecule (Raph blood group); GP27; MER2; RAPH; SFA1; PETA-3; TSPAN24; CD151 antigen; tspan-24; tetraspanin-24; membrane glycoprotein SFA-1; CD151 antigen (Raph blood group); hemidesmosomal tetraspanin CD151; platelet surface glycoprotein gp27
Entrez Gene ID	977
Protein Refseq	NP_001034579
UniProt ID	P48509
Chromosome Location	11p15.5
Pathway	Alpha6-Beta4 Integrin Signaling Pathway; Assembly of collagen fibrils and other multimeric structures; Cell junction organization; Cell-Cell communication; Collagen formation; Extracellular matrix organization; Type I hemidesmosome assembly;
Function	integrin binding; protein binding;

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