Mouse CD151 Monoclonal Antibody | anti-CD151 antibody

MOUSE ANTI HUMAN CD151

CATALOG #	HOST	APPLICATIONS
AAA49304	**Mouse**	**Western Blot, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay, ELISA, Immunohistochemistry**

PRODUCT SYNONYMS

CD151; Monoclonal Antibody; MOUSE ANTI HUMAN CD151; anti-CD151 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	11G5a
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	253
Applicable Applications for anti-CD151 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Histology Positive Control Tissue	Tonsil/spleen. Fusion Partners
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Staining of human peripheral blood platelets with Mouse anti Human CD151

ADDITIONAL INFORMATION

Related Product Information for anti-CD151 antibody	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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	87159824
NCBI GeneID	977
NCBI Accession #	NP_001034579.1
NCBI GenBank Nucleotide #	NM_001039490.1
UniProt Accession #	P48509; Q14826; Q86U54; Q96TE3; A8KAK8; E9PI15
Molecular Weight	28,295 Da
NCBI Official Full Name	CD151 antigen
NCBI Official Synonym Full Names	CD151 molecule (Raph blood group)
NCBI Official Symbol	CD151
NCBI Official Synonym Symbols	GP27; MER2; RAPH; SFA1; PETA-3; TSPAN24
NCBI Protein Information	CD151 antigen; CD151 antigen (Raph blood group); hemidesmosomal tetraspanin CD151; membrane glycoprotein SFA-1; platelet surface glycoprotein gp27; platelet-endothelial cell tetraspan antigen 3; platelet-endothelial tetraspan antigen 3; tetraspanin-24; tspan-24
UniProt Protein Name	CD151 antigen
UniProt Gene Name	**CD151**
UniProt Synonym Gene Names	TSPAN24; PETA-3; Tspan-24
UniProt Entry Name	CD151_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/cd151-antibody-clone-11g5a-western-blot-immunohistochemistry-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/49304