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Datasheet for ABIN118882
anti-CD151 antibody

1 Image

Overview

Quantity:	0.2 mg
Target:	CD151
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD151 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Remarks: Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.
Clone:	11G5a
Isotype:	IgG1
Specificity:	This antibody recognizes the CD151 cell surface antigen, also known as PETA-3.
Purification:	Affinity Chromatography on Protein G

Target Details

Target:	CD151
Alternative Name:	CD151 / TSPAN24 (CD151 Products)

Target Details

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. Synonyms: GP27, Membrane glycoprotein SFA-1, PETA-3, PETA3, Platelet-endothelial tetraspan antigen 3, SFA-1, SFA1, Tetraspanin-24

Gene ID: 977

NCBI Accession: [NP_001034579](#)

UniProt: [P48509](#)

Application Details

Application Notes: ELISA. Flow cytometry: 1/50 - 1/100, use 10 µL of the suggested working dilution to label 10⁶ cells or 100 µL of whole blood. Immunohistochemistry on frozen sections. Immunohistochemistry on paraffin sections: 1/100. This product does not require protein digestion pre-treatment but results are enhanced with heat mediated antigen retrieval in 0.01M citrate buffer. Recommended positive control: Tonsil/spleen. Western Blot. Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. Further Comments: 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 .

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

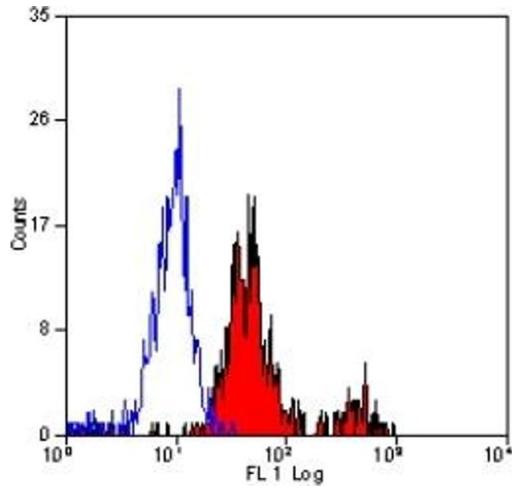
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Handling

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Flow Cytometry

Image 1. Staining of human peripheral blood platelets with Mouse anti Human CD151 (ABIN118882).