Anti-CD36 antibody (ECD) (STJ13100092)

STJ13100092

GENERAL INFORMATION

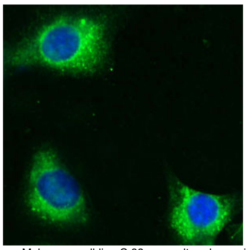
Product Type	Primary antibodies
Short Description	Nz White Rabbit polyclonal antibody anti-CD36 (ECD) is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC, WB
Host/Source	NZ White Rabbit
Reactivity	Human

PRODUCT PROPERTIES

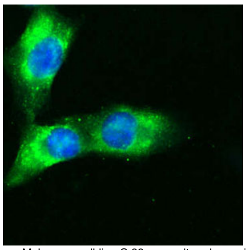
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	IgG
Dilution Range	A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Formulation	Shipped as lyophilised. Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.
Isotype	IgG
Storage Instruction	Maintain the lyophilised/reconstituted antibodies frozen at-20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

Gene ID	948
Gene Symbol	CD36
Uniprot ID	CD36_HUMAN
Immunogen	A synthetic peptide from extracellular domain of human CD36 (Fatty acid translocase) conjugated to an immunogenic carrier protein was used as the antigen.
Immunogen Region	ECD
Specificity	Specific for CD36.
Immunogen Sequence	



Human Melanoma cell line C 32 was cultured overnight on round cover slides placed in a 24 well tissue culture plate. Culture media removed and washed twice with PBS before fixing with 2% formalin for 10 minutes. Cells were then washed three times with PBS and incubated with Tris 0. 01M containing Triton X 0. 005% for 15 minutes. Cells were washed and incubated with 100 ul of Rabbit antibody to extracellular domain of human CD36 (Fatty acid translocase) : IgG (STJ13100092) diluted 1: 100 in the blocking buffer for 30 minutes. Welles were then washed 7 times with PBS and incubated with 100 ul of anti Rb-FITC conjugate diluted 1: 100 in the blocking buffer for further 30 minutes. Cells were washed as before and nuclear counter stained with Hoechst and mounted on to slides.



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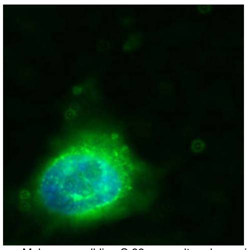

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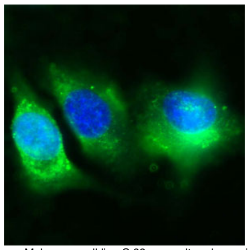

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St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081