

### Anti-CD36 antibody (ECD) (STJ13100092) STJ13100092

# **GENERAL INFORMATION**

# Product Type Primary antibodies

Short Nz White Rabbit polyclonal antibody anti-CD36 (ECD) is suitable for use in Immunohistochemistry and Western Blot research Description applications. Applications IHC, WB

Host/Source NZ White Rabbit Reactivity Human

## **PRODUCT PROPERTIES**

Clonality Polyclonal Clone ID Concentration Conjugation Unconjugated Purification IgG Isotype IgG

Dilution A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in Range other applications.

Formulation Shipped as lyophilised. Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.

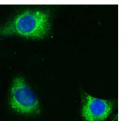
Storage Maintain the lyophilised/reconstituted antibodies frozen at-20°C for long term storage and refrigerated at 2-8°C for a shorter term. Instruction When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

### **TARGET INFORMATION**

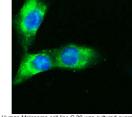
Gene ID 948 Gene Symbol CD36 Uniprot ID CD36\_HUMAN Immunogen A synthetic peptide from extracellular domain of human CD36 (Fatty acid translocase) conjugated to an immunogenic carrier protein

was used as the antigen. Immunogen ECD

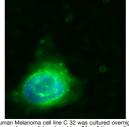
Region Specificity Specific for CD36. Immunogen Sequence



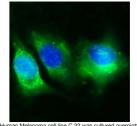
Human Melanoma cell line C 32 was cultured overright on round cover sildes placed in a 24 well tissue culture plate. Culture media removed and washed twice with PBS before fixing with 2% formalin tor 10 minutes. Cells were then washed three times with PBS and incutated with Table John Containing Triton X 0, 005% (5113100026) (fatty acid transiocase) : IgG 50113100026) (fatty acid transiocase) : IgG and incutated with 100 ut of ath TB-FTC conjugate and incutated with 100 ut of ath TB-FTC conjugate and incutated with 100 ut of ath TB-FTC conjugate minutes. Cells were washed as before and nuclear counter stained with 100 ut of ath TB-FTC



Human Melanoma cell line C 32 was cultured overnight on round cover sildes 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 for 15 minutes. Cells were washed and incubated with 100 ui of Rabbit antibody to extracellular domain of human C036 (Fatty acid translocase) : Igg GT13100092 diluted 1: 100 in the blocking buffer for 30 minutes. Welles were then washed 7 times with PBS diluted 1: "10 in the block buffer for torther 30 minutes. Cells were washed as before and nuclear counter stained with Heeckst and mounted on to



lanoma cell line C 32 was cultured overright over slides placed in a 24 well tissue culture ure media removed and washed twice with re fixing with 2% formalin for 10 minutes. I then washed three times with PBS and with Tis 0.01M containing Triton X.0.005% utes. Cells were washed and inclubated with Rabbit antibody to extracellular domain of D2066 (Fatty acid translocase) : IgG 0262 (diuted 1: 100 in the blocking buffer for acid with 100 ut of anti-DFTC conjuges 100 in the blocking buffer for further 38 2018 were washed as before and nuclear on round plate. Cul PBS befo Cells wer incubated for 15 mir 100 ul of human (STJ13100 30 minute and incub



ine C 32 was cultured ov laced in a 24 well tissue plate. Cu PBS befo PBS befi Cells we incubated for 15 mi 100 ul o human (STJ1310 30 minut PBS and aci 100 th

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes. St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081