



Code No. KAL-KS017-EX

**Macrophage related Antibody** For research use only

**Anti Human CD36 Monoclonal Antibody**

(Clone No. NF189)

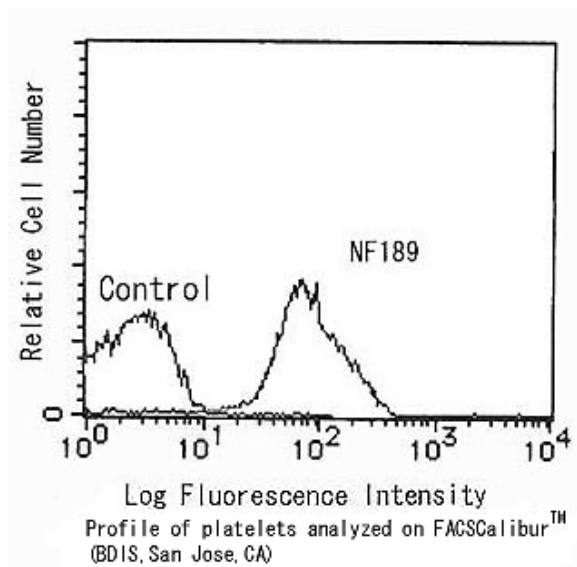
CD36 is single-strand glycoprotein with molecular weight of 88kDa, and is known to limited versatility receptor. The functions are 1) thrombospondin (TSP) receptor, 2) infected erythrocyte receptor with Plasmodium falciparum, 3) oxidation LDL receptor, 4) phosphatidyl serin (PS) receptor, 5) multifunction adhesion molecules.

CD36 is detected in platelet, monocyte, macrophage, endothelium, and multiple human tumor cell line, but is not in lymphocyte or granulocyte.

This antibody has been proved to be useful for flow cytometry with high affinity.

Package Size	50 $\mu$ g (200 $\mu$ L/vial)
Format	Mouse monoclonal antibody 0.25 mg/mL
Buffer	PBS – containing 50%Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat
Storage	Store below $-20^{\circ}\text{C}$ until needed. Repeated freeze-thaw cycles should be avoid. When you use,dissolve water and freeze aliquots.
Clone No.	NF189
Subclass	IgG <sub>1</sub>
Purification method	The splenic lymphocytes from BALB/c mouse, immunized with human platelet membrane fraction were fused to myeloma P3U1 cells. The positive cell line (NF189) were grown in ascitic fluid of BALB/c mouse, from which the antibody was purified by Protein G affinity chromatography.

Working dilution for flow cytometry: 0.5~20  $\mu$ g/ml





## Anti Human CD36 Monoclonal Antibody

### Distributor



COSMO BIO Co., LTD.  
Inspiration for Life Science

TOYO EKIMAE BLDG. 2-20, TOYO 2CHOME  
KOTO-KU, TOKYO 135-0016, JAPAN  
TEL : +81-3-5632-9617  
FAX : +81-3-5632-9618  
URL : <http://www.cosmobio.co.jp/>  
e-mail : [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)

### Manufacturer

 Trans Genic Inc.

7-1-6 Minatojimmaminami-machi,  
Chuo-ku, Kobe, 650-0047 JAPAN  
TEL : +81-78-306-0590  
FAX : +81-78-306-0589  
URL : <http://www.transgenic.co.jp/>  
e-mail : [techstaff@transgenic.co.jp](mailto:techstaff@transgenic.co.jp)