

Anti- human CD36 (clone NL07)

Catalog No: MP-AA-17

BACKGROUND

Is an integral membrane glycoprotein belonging to the family of class B scavenger receptors, which binds many ligands such as collagen, trombospondin, erythrocytes with malaria plasmodia, native and oxidized lipoproteins and phospholipids. On macrophages is part of a non opsonic receptor. Recently is has been implicated in the metabolisms of fatty acids and glucose, cardiomyopathy and alzheimer's disease. *For more information see dedicated website*

PRODUCT

Each vial contains the indicated amount of IgG (HPLC, Prot. A) in 0,1% gelatine and 0,05% NaN₃.

SUBCLASS

Mouse IgM

SPECIFICITY

Known also as gpIIIb; gpIV; OKM5-antigen; PASIV FAT, SCARB3, is expressed on: platelets, microvascular endothelia, monocytes, erythroid precursor, macrophages, macrophage-derived dendritic cells. It plays a role in the innate immunity to malaria. Mutations of CD36 are known to be associated with resistance to platelets transfusion

STORAGE

Store frozen, avoid repeated freeze-thawing. Stable for 2 yrs.

SHIPPING CONDITIONS

Room temperature.

RESEARCH USE

See references for described uses

This antibody is for laboratory research use only, not for human or in-vivo use.

APPLICATIONS

See enlisted references

REFERENCES

1. *Cell Immunol* (1991) **137**: 487.
 2. *Blood* (1993) **82**: 3637.
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